

# PROJECT 2

LET'S GO...



# PROJECT 2

# Training 1

PRONOUNCED: [CODE-GEE-KA](#)

JIKA MEANS "DANCE" OR TURN IN ZULU, A SOUTH AFRICAN LANGUAGE.

## Desktop - v1

LEARN MORE: [WWW.CODEJIKA.COM](http://WWW.CODEJIKA.COM)

## WHAT'S THE DEAL?

### PROJECT 2:

Present your skills and plans in an attractive and engaging [Website CV](#) built with HTML, CSS and emojis.

### LEARN:

The [practical skills](#) of a Jnr. Web Developer over 12 Projects.

### PURPOSE:

Teach yourself. Teach your friends. [Help others.](#)

# PROJECT 2

Are you ready?

# PROJECT 2

## TRAINING SESSIONS:

1. Review: HTML Structure / Setup: Header

2. CSS Classes & customize.

3. Box, Circle & center classes.

4. Learn: HTML Colors & Fonts.

5. Add skills section & lists.

6. Add emoji's & customize.

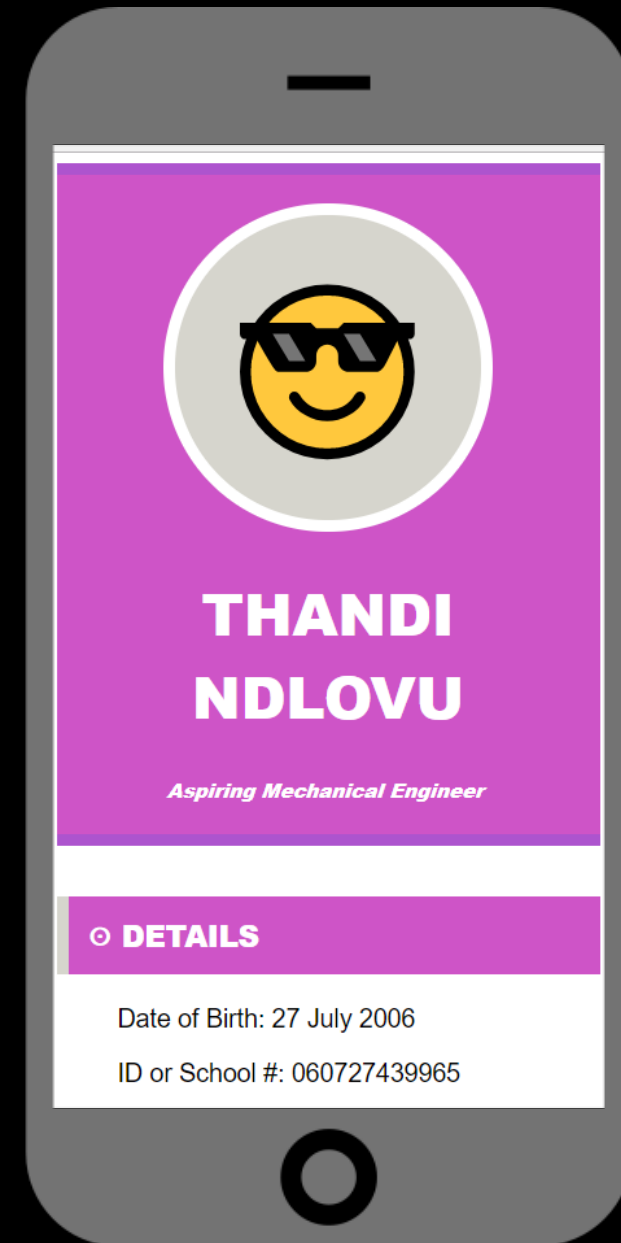
# VISION

In Project 2 you'll create **CV Website**.

1. You'll build it with HTML,
2. style it with CSS
3. and there's a **surprise** at the end.

# PREVIEW

Your CV Website  
will look like this:



# TRAINING SNAPSHOT

PROJECT 2 - TRAINING 1

These are your missions for today:

1. Review the Website Structure
2. Add the `<header>` Section and a border.

# START

Start by setting up the skeleton of your code.

## TIP:

You learnt this in your last project.

```
<!DOCTYPE html>
```

```
<head>
```

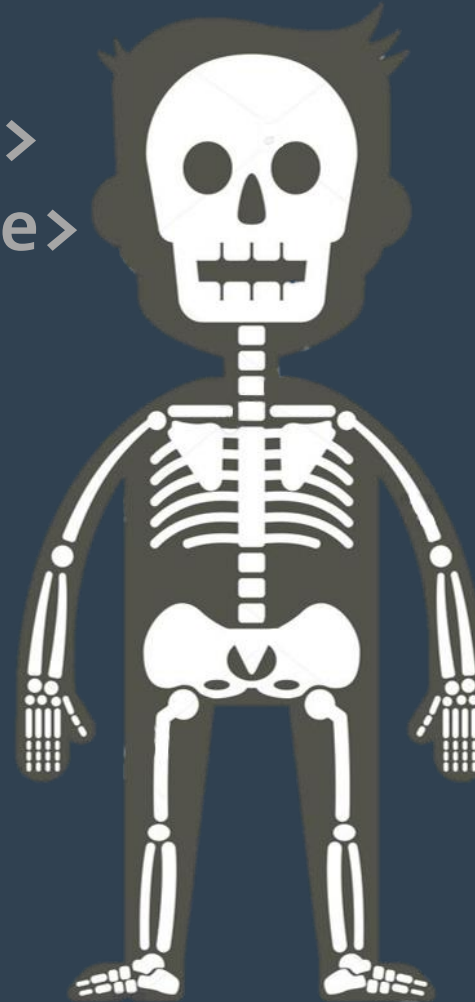
```
  <style>
```

```
  </style>
```

```
</head>
```

```
<body>
```

```
</body>
```





# CHALLENGE

STEP 1

CODE:

Add this part:

```
<!DOCTYPE html>  
<head>  
  <style>  
  </style>  
</head>
```

# CHALLENGE

## STEP 2

### CODE:

Now add the `<body>` section.

# CHECKPOINT

Your code should look like this:

```
<!DOCTYPE html>  
<head>  
  <style>  
  </style>  
</head>  
  
<body>  
  
</body>
```

## <header> Tag

### <header> </header>

The <header> section of a website usually includes;

1. Company Name
2. Logo &
3. Menu

#### TIP:

Don't get confused. It's not the <head>. The <header> goes in the <body> section.

# CHALLENGE

STEP 1

CODE:

Add a `<header>` .

```
<header>  
</header>
```

# CHALLENGE

## STEP 2

### CODE:

Add your name in all-caps (capital letters) in an `<h1>` in `<header>` .

```
<h1>
```

```
    THANDI NDLOVU
```

```
</h1>
```

**TIP:**

Don't forget to  
close your tags!

# GREAT JOB!

You'll be a pro in no  
time!





# MISSION

Style your `<header>`.



This mission will include 4 challenges.

You got this.



# REVIEW

CSS styles HTML.

```
<head>
  <style>
    header {
      background: #ce54c7;
      border: solid #ad54ce;
      border-width: 10px 0px 10px 0px;
    }
  </style>
</head>
<body>
  <header>
    <h1>Thandi Ndlovu</h1>
  </header>
</body>
```

CSS <style>

Is applied to  
in <body>

# CHALLENGE

## STEP 1

Add some styling to the header.

## CODE:

Add a CSS selector called header.

```
<style>  
  header {  
  }  
</style>
```

# CHALLENGE

## STEP 2

### CODE:

Add a lightblue background to the header element.

```
background: lightblue;
```

# CHALLENGE

## STEP 3

### CODE:

Add a simple blue border to  
<header>.

Like this:

```
border: solid blue;
```

# THINK

If you want a border only on the  
TOP and the BOTTOM.

Not all the way around.

How do you do this?



## border-width:



With borders you say what sides and what width you want.



10px 0px 6px 0px;

1st Top

2nd Right

3rd Bottom

4th Left



# CHALLENGE

## STEP 4

### CODE:

Add a top and bottom border to header.

Both should be 10px wide.

```
border-width: 10px 0px 10px 0px;
```

How did you do?



EXCITING!!!

Go to the next slide and compare your  
code.

# CHECKPOINT

Your code should look like this:

```
<!DOCTYPE html>
<head>
  <style>
    header {
      background: lightblue;
      border: solid blue;
      border-width: 10px 0px 10px 0px;
    }
  </style>
</head>

<body>
  <header>
    <h1>
      Thandi Ndlovu
    </h1>
  </header>
</body>
```

# FABULOUS!

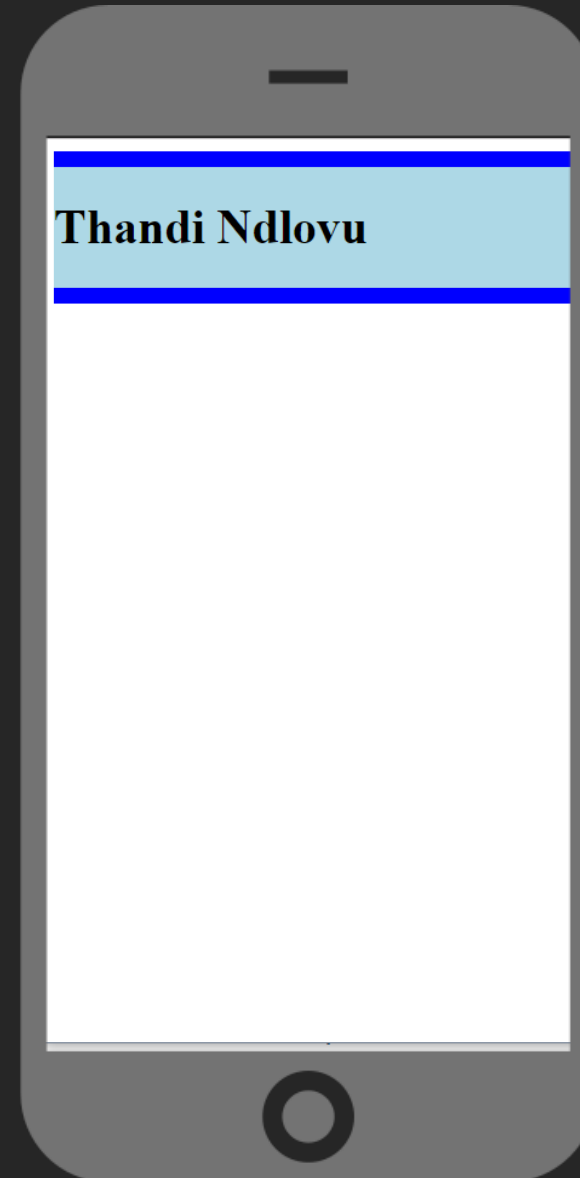
Now your code looks  
bomb...



# CHECKPOINT

Your code should look something like this:

WEB CHECK:



# Did you know?

The best way to learn how to code is **with friends**?



When it gets complicated you can help each other.

# QUIZ

1. 2.



## QUESTION 2.1.1

Where is a CSS rule located?

A. `<header>`

B. `<style>`

C. `<body>`

D. Curly brackets

# QUIZ

1. 2.



PREVIOUS ANSWER: B.

## QUESTION 2.1.2

How do you link CSS styles to content in the HTML structure?

- A. Using colon & then semi-colon at the end.
- B. Opening and closing tags.
- C. The indent
- D. CSS selectors & html tags of the same name.



# QUIZ

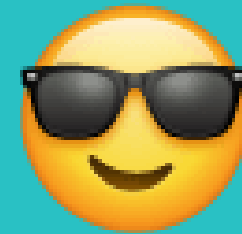
WHAT WAS YOUR SCORE?

1. 2.

50% 100%

PREVIOUS ANSWER: D.



Ready for  
Training 2?



**LET'S GO.**

**LOADING . . .**



# PROJECT 2

# Training 2

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# SAWUBONA\*.



\*"Hello" in Zulu.

Here's an overview of the  
projects.

You're on Project 2.

# PROJECTS OVERVIEW:

1. Simple Landing Page // 4 Sessions | 90 Minutes

2. CV Website // 6 Sessions | 90 Minutes

3. Simple Biz Website // 6 Sessions | 2.5 Hours



4. Styling your Website // 4 Sessions | 3 Hours

5. JavaScript OrderForm // 4 Sessions | 3 Hours

6. Basic Business Website // 5 Sessions | 4 Hours



<Certificate>  
Milestone  
Project



You're also on **Training 2**  
of Project 2.

## PROJECT 2

# TRAINING SESSIONS:

1. Review: HTML Structure / Setup: Header

2. Dream job, your birthday & center the header.

3. The Incredible Box ( and classes.)

4. Learn: HTML Colors & Fonts.

5. Add skills section & lists.

6. The "Return" of the Emoji.

# TRAINING SNAPSHOT

PROJECT 2 - TRAINING 2

These are your missions for today:

1. Learn how to center everything.
2. Learn *italics*.
3. Add a section with your birthday.

# MISSION

Center everything.



This mission will include 2 challenges.

We'll use **two ways** to get everything in the middle:

1. First, **margin: auto;** to center everything inside `<header>`  
( Including what we put in later.)
2. Center all **text** with:  
**text-align: center;**

# BRIEFING

1.1.2

```
margin: auto;
```

```
margin: auto;
```

Margins are awesome.

But with this one you can even "Center" elements.

Centered ( The text )



# CHALLENGE

STEP 1

## TIP:

In the `header { }` selector in `<style>`.

## CODE:

Center the `<header>` using  
`margin: .`

```
margin: 0 auto;
```

text-align:

## text-align:

Tells the text where to “lean”.

```
text-align: left;  
           text-align: right;  
           text-align: center;
```

Left, right or center.



# CHALLENGE

## STEP 2

### TIP:

Close the element with a ; (semi-colon).

## CODE:

Center the text in the  
<header> section.

Use:

```
text-align:
```

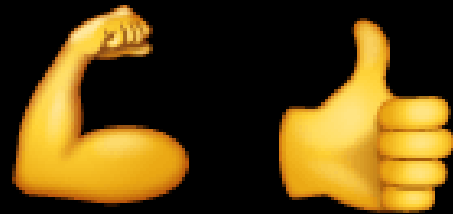
# CHECKPOINT

Your code should look like this:

```
• • •  
header {  
  background: #ce54c7;  
  border: solid #ad54ce;  
  border-width: 10px 0px 10px 0px;  
  margin: 0 auto;  
  text-align: center;  
}
```

```
• • •  
  
<body>  
  <header>  
    <br>  
    <h1>  
      THANDI NDLOVU  
    </h1>  
  </header>  
</body>
```

# MISSION COMPLETE



You managed that like a BOSS!!!

# MISSION

1. Decide on your dream job,
2. Learn about italics.



This mission will include 4 challenges.

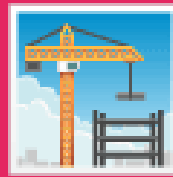
# What's your Dream?

We're excited about you learning skills  
to make it a reality.



# THINK

What do you want to do when you  
grow up?



# CHALLENGE

## STEP 1

### TYPE:

Add your **dream job** or future profession.

After the `</h1>` in `<header>` .

### EXAMPLE:

```
</h1>
```

```
Aspiring Mechanical Engineer
```

```
</header>
```

## Italic Tag

```
<i> </i>
```

The `<i>` tag stands for *italics*.

Italics is text slanted to the side.

## EXAMPLE:

```
I <i>LOVE</i> ICECREAM!
```



# CHALLENGE

## STEP 2

### TYPE:

Add *italics* to your dream job by using `<i>`.

### EXAMPLE:

```
</h1>
```

```
<i>
```

```
Aspiring Mechanical Engineer
```

```
</i>
```

```
</header>
```

## Italic Tag

```
<i> </i>
```

FYI: These are other ways to **style specific words**:

`<em>` (emphasized text)

`<strong>` (important text)

`<mark>` (marked/ highlighted text)

JUST FOR FUN: Try it in your next sentence.

**AWESOME!**

You aced those italics.

Now increase your `<h1>` font  
to give the website some  
character.

# CHALLENGE

Make h1 text  
larger.

## CODE:

Create a `h1 {}` rule.

Use:

`font-size:`

(To make it 3x the size.)

```
h1 {  
    font-size: 3em;  
}
```

**NICE!**

Remember `<br>`?

We need a couple of them to  
space things a little.

# BRIEFING

1.1.2

<br> Tag

<br> = New line

Typing <br> is like hitting the  
“Enter” key on your keyboard...

It adds a line.





# CHALLENGE

## CODE:

Add `<br>`

1. After `<header>` opening tag.
2. Twice after `</i>`
3. After `</header>` closing tag.

# CHECKPOINT

Your code should look like this:

```
    . . .  
<body>  
  
  <header>  
    <br>  
    <h1>  
      THANDI NDLOVU  
    </h1>  
    <i>  
      Aspiring Mechanical Engineer  
    </i>  
    <br> <br>  
  </header>  
  <br>  
  
</body>
```

# Yabadabadoo!

Now add some details about  
yourself.

# MISSION

Create a new section with;

- a title,
- your date of birth and
- other details.



This mission will include 4 challenges.

# CHALLENGE

## STEP 1

### CODE:

As a title, type "DETAILS" between an opening and closing `<h3>` tag.

### WHERE:

Put this below the last `<br>` and before the `</body>` closing tag.

```
<h3>  
  DETAILS  
</h3>
```

# CHALLENGE

## STEP 2

### CODE:

Add a `<p>` with your Date of birth in it.

### WHERE:

Below the `<h3>`.

```
<p>Date of Birth: 27 July 2006</p>
```

# FANTASTIC!

Now two more lines.

# CHALLENGE

## STEP 3

### CODE:

Add another `<p>` with your School Name in it.

```
<p>School: Sandringham Secondary</p>
```



# CHALLENGE

## STEP 4

### CODE:

Add one last `<p>` with what grade you are in.

```
<P>Grade: 9</p>
```

# CHECKPOINT

Your code should look like this:

```
    . . .  
</header>  
  <br>  
  <h3>  
    DETAILS  
  </h3>  
  <p>Date of Birth: 27 July 2006</p>  
  <p>School: Sandringham Secondary</p>  
  <p>Grade: 9</p>  
  
</body>
```

# QUIZ

1. 2.



## QUESTION 2.2.1

What is `<i>` for?

A. Increase in font-size.

B. Italian font size originating in Bulgaria.

C. Slanted text.

D. For "Information" on websites.

# QUIZ

1. 2.



PREVIOUS ANSWER: C.

## QUESTION 2.2.2

<h3> titles should be centered using CSS.

A. `<h3 style=center>`

B. `h3 ( text-align: center; color: red; )`

C. `h3 { text-align: center; }`

D. Use the tab key to center.

# QUIZ

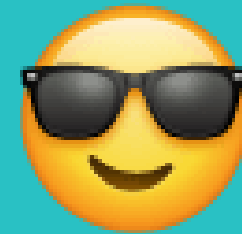
WHAT WAS YOUR SCORE?

1. 2.

50% 100%

PREVIOUS ANSWER: C.



## SUGGESTION:

If you have internet:  
**Download** and install a better code editor.

### WHY?

It's easier and shows any mistakes in your code.

We recommend:  
Notepad++



### FOLLOW THE LINK:

<https://notepad-plus-plus.org/download/>

Ready for  
Training 3?



**LET'S GO.**



**LOADING . . .**



# PROJECT 2

# Training 3

PRONOUNCED: [CODE-GEE-KA](#)

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## Desktop - v4

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## WHAT'S THE DEAL?

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# OMG

This is a SUPER FUN Lesson



But the next one (Training 4)  
is even better...

# TRAINING SNAPSHOT

PROJECT 2 - TRAINING 3

These are your missions for today:

1. Make a **box**.
2. Transform it into a **circle** with 1 line.
3. Remember **3 things** about Classes.

What if,  
all of a sudden,...



you decided you wanted...



a mysterious box.

In the middle of your website.

`width: 100px;`



`height: 100px;`

What would you do?!?

# MISSION

Make a **box**.



This mission will include 3 challenges.

## MAKE A BOX:

All you have to do is write a simple CSS Class and :

1. Define width
2. Define height

```
.box {  
    width: 100px;  
    height: 100px;  
}
```



## MAKE A BOX:

And “magical” CSS does all  
the rest. 😊

## MAKE A BOX:

Use

`class="box"` to  
say where you  
want it.

Amazing! Right?

**CSS**

```
.box {  
  width: 100px;  
  height: 100px;  
}
```

**HTML**

```
<div class="box">  
</div>
```

## MAKE A BOX:

In this case, it's in a `<div>`.

# CHALLENGE

## STEP 1

### TIP:

In <style> section.

## CODE:

1. Make a .box CSS class.
2. Make it 250px wide & high.

```
.box {  
  height: 250px;  
  width: 250px;  
}
```

# CHALLENGE

## STEP 2

### TIP:

In `<header>` above `<h1>`,

## CODE:

1. Make a `<div>` in the `<header>` section above `<h1>`.
2. Add the `.box` class to the `<div>`.

```
<div class="box">  
</div>
```

To see your box, you have  
to add a border or  
background.

# CHALLENGE

STEP 3

**TIP:**

In `.box { }` .

**CODE:**

Add this to the `.box` class:

```
background: blue;
```

# CHECKPOINT

Your code should look like this:

```
• • •  
  
.box {  
  height: 250px;  
  width: 250px;  
  background-color: blue;  
}  
</style>  
</head>  
  
<body>  
  <header>  
    <div class="box">  
    </div>  
    <h1>  
      THANDI NDLOVU  
    </h1>  
  </header>
```





# WOW

You are on



Did you wonder why we had  
to use a `<div>` ?

Here's a quick review...

## What's a **DIV**?



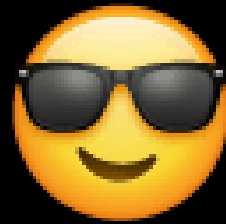
`<div>`

It's like a **magical stretchy container** & you can put any type of object in it.

`</div>`

**Ok.**

Did you enjoy making a  
box?



We are going to do something  
super cool now.

With one line of code we  
are going to turn the box  
into a circle.



Ready?

# MISSION

Make a circle.



This mission will include 4 challenges.

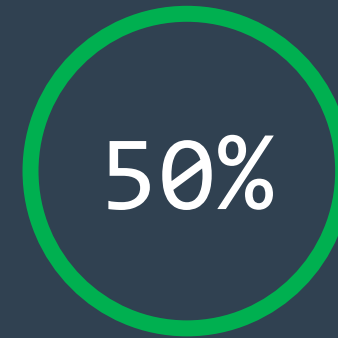
# BRIEFING

1.1.2

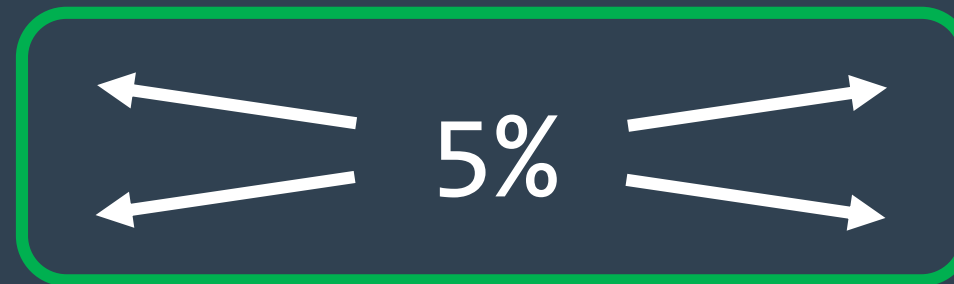
border-radius:

## border-radius:

Make a circle out of a square ( 50% )



or add rounded corners. ( 5% )





# CHALLENGE

## STEP 1

### CODE:

Add `border-radius:` to `.box` class with a value of 50%.

```
border-radius: 50%;
```

# CHALLENGE

## STEP 2

Change your  
class name.

## CODE:

1. Change CSS Class `.box` to `.circle`
2. Replace "box" in: `<div class="box">` with `circle` .

```
<div class="circle">
```

# CHECKPOINT

Your code should look like this:



```
.circle {  
  height: 250px;  
  width: 250px;  
  background-color: blue;  
  border-radius: 50%;  
}
```

```
</style>  
</head>  
<body>  
  <header>  
    <br>  
    <div class="circle">  
    </div>  
    <h1>  
      THANDI NDLOVU  
    </h1>  
  </header>  
</body>
```

# COOL

Just two more small things  
to finish the circle.



# CHALLENGE

## STEP 3

### CODE:

Add a border.

Add a solid, 10px wide, white border to the `.circle` CSS class.

```
border: 10px solid white;
```

In order to make sure the circle stays centered around text, use this layout trick:



# CHALLENGE

STEP 3

**TIP:**

In `.circle { }` .

**CODE:**

Add to the circle class:

```
display: inline-block;
```

# GREAT!

You're done with the circle.



Keep it up. You're doing amazing! 😊

We believe in you!



# MISSION

Learn **3 things** about **CSS Classes**.



This mission will include 1 “Remember”.

Don't worry if you don't  
understand this part.

It's just so you have an idea of  
how they work.

Here's a simple CSS  
class.

EXAMPLE:

```
.banner {  
    color: pink;  
}
```

# CSS CLASS

## OVERVIEW

CSS Classes have **two parts**;

### A. CSS: The styling

```
.banner {  
  color: pink;  
}
```

### B. HTML: Where it's applied.

```
<h3 class="banner" >
```

Here are **3 things** you  
should know about  
CSS Classes

# CSS CLASS

## OVERVIEW

1.

Classes are  
**SUPER POWERFUL**  
and make up  
most of CSS.

# CSS CLASS

## OVERVIEW

# 2.

Classes always start with a dot

" . "

```
• banner {  
  color: pink;  
}
```

Make a box

# CSS CLASS

## OVERVIEW

**3.**

Write them once  
and  
**use** them  
**ANYWHERE.**



# REMEMBER

Can you remember the  
**3** main **things** about  
CSS Classes?

**TIP:** Write it in your notebook.

That was a HARD lesson.

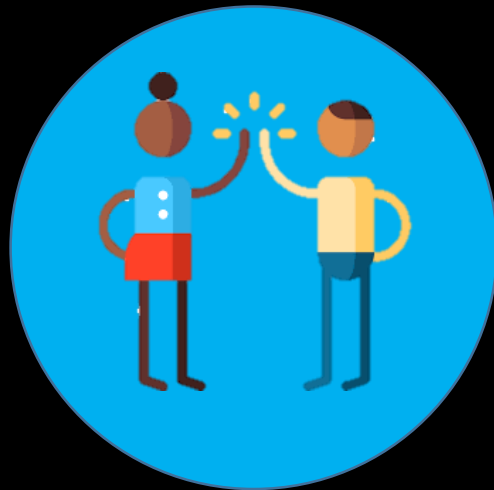


Do you agree?

Invite a friend to work together to  
learn and “Debug”

(when code isn't working).

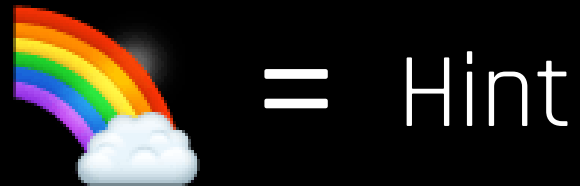
# CONGRATULATIONS



You've finished  
Training 3.

# Training 4 is SUPER FUN!

It's actually magical.



See you there.

**LOADING . . .**



# PROJECT 2

# Training 4

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# Love colors?



Well, the wonderful thing about  
web design is...

...you can use **ANY color**  
you want.

Yes. Even the ones that  
**don't have names.**



# TRAINING SNAPSHOT

PROJECT 2 - TRAINING 4

We gonna be learnin'...

1. **Colors** have codes.
2. **Fonts** (text styles) have families.
3. What is “**Responsive**” web design?

This is how far you've  
come.

**Two trainings left**, then  
you're done with P2.

## PROJECT 2

# TRAINING SESSIONS:

1. Review: HTML Structure / Setup: Header
2. Dream job, your birthday & center the header.
3. The Incredible Box ( and classes.)
4. Learn: HTML Colors & Fonts.
5. Add skills section & lists.
6. The "Return" of the Emoji.

# MISSION

**Use colors** in CSS.



This mission will include 6 challenges.

## HTML Colors

A hexadecimal color  
( 6-Numbers) is specified with:

# R R G G B B



Red

Green

Blue

# HTML Colors



For example, #0000FF is displayed as blue.

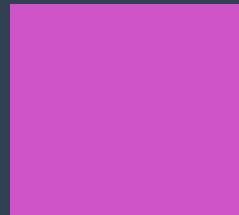
That's because the blue component is set to its highest value (FF) and the others are set to 00.



# HTML Colors

Numbers Between 00 and FF specify the intensity of the color.

EXAMPLE:



= #ce54c7

**TIP:**

Here's a great place to choose colors:

[https://www.w3schools.com/colors/colors\\_picker.asp](https://www.w3schools.com/colors/colors_picker.asp)

## EXPERIMENT:

### Try it yourself

Replace some numbers with any you want.

```
body {  
  background: #ce54c7;  
}
```



See what happens.



Now we're going to **style**  
**<h3>** with;

- Color
- Padding
- Font-size
- border.

# READY?

# CHALLENGE

1 of 5

## TIP:

In `<style>` section.

## CODE:

Create a h3 selector.

```
h3 {  
}
```

# CHALLENGE

2 of 5

## CODE:

Add a background color to h3.

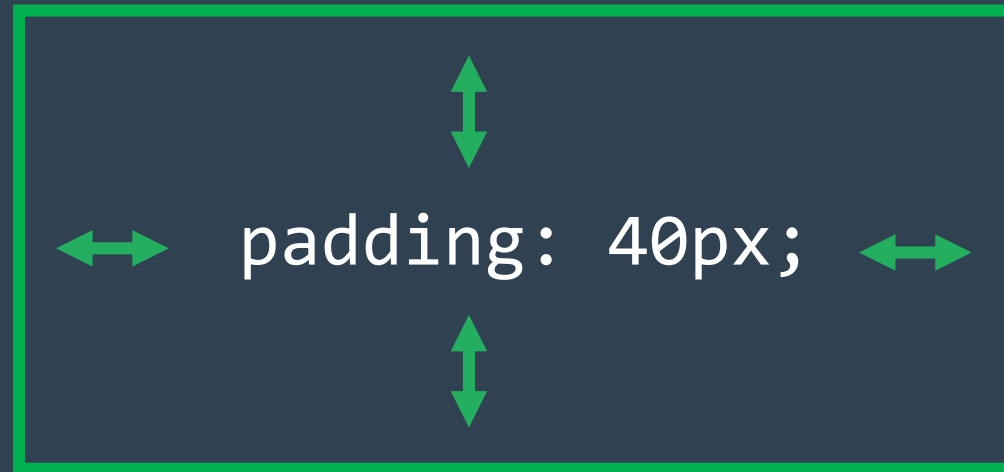
```
background-color: #ce54c7;
```

padding:

REVIEW:

## padding:

It's like having pillows around you when you are inside a box.



# CHALLENGE

3 of 5

**CODE:**

Add 15px of padding to h3.

# CHALLENGE

4 of 5

## CODE:

Increase the h3 font size with em.

```
font-size: 1.5em;
```

# CHALLENGE

5 of 5

## TIP:

You learned about borders in P1 (Project 1.)

## CODE:

Add a left border with this color: #d6d5cd

```
border-left: 10px solid #d6d5cd;
```



**SUPER COOL!**

You just styled the `<h3>`  
section.

Do you want to learn how to:

**Style two** different  
**sections** at the  
**same time?**



# STYLING TWO ELEMENTS

This is VERY simple.

Just type both selectors with a **comma** ( , ) between them.

```
header, h3 {  
}
```

That's it.  
Easy right?



# CHALLENGE

## CODE:

Make both `<header>` & `<h3>` white using a single CSS element.

```
header, h3 {  
    color: white;  
}
```

# MISSION

Learn about **fonts**.



This mission will include 1 challenge.

# FONTS

Fonts are a certain style of text.



GRAPHIC

## FONTS

There are two main types of fonts;

1. **Serif**  
Has curly flicks.
2. **Sans Serif**  
Very straight.



## EXAMPLES:

## FONTS

**Serif:**

This is Times New Roman

**Sans Serif:**

This is Arial

## FONTS

Do you see the differences?



## FONTS

For example ;  (at CODEJIKA.COM)

For text we use:

Radjdani

And for code we use:

Conso1as

### TIP:

Conso1as is a third type of font: **monospace**

**GREAT!**

Now let's learn about font  
families.

`font-family:`

**TIP:**

The next font in the font-family is used, if the first font is missing.

## `font-family:`

Sometimes a browser will not show the font you added.

So, add “back-up” fonts and a font-family like “sans serif” or “serif”, so that it looks similar.

font-family:

## font-family:

This becomes a font family.

Most common:

```
font-family: Arial, Helvetica,  
sans-serif;
```

Also great:

```
font-family: "Times New Roman",  
Times, serif;
```

# CHALLENGE

## CODE:

Use Helvetica, Arial and Sans-serif as font-family for body.

```
body {  
    font-family: helvetica, arial,  
    san-serif;  
}
```

# CHALLENGE

## CODE:

Add Arial, Gadget and san serif as font-family for header & h3.

```
header, h3 {  
    color: white;  
    font-family: "Arial Black",  
    Gadget, sans-serif;  
}
```



# MISSION

Understand

- **“Responsive”** web design,
- **Pixels**
- screen sizes.

• • •

This mission will include 0 challenges.

# RESPONSIVE WEB DESIGN

A responsive website  
works on **different screen  
sizes.**

What do we mean by screen size?

# RESPONSIVE WEB DESIGN

## Screen size?

DESKTOP:



MOBILE:



**GOOD.**

Now we're gonna learn  
about how to measure  
screen sizes.

# PIXELS

Pixels are a way to measure a screen.

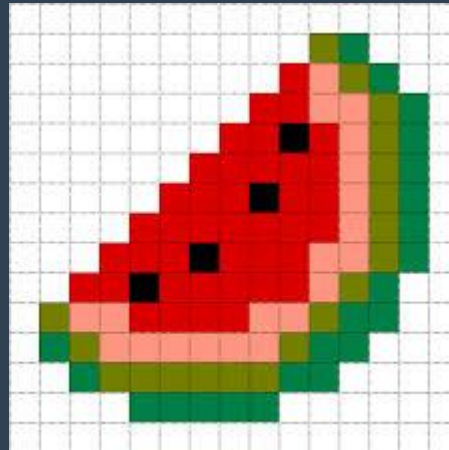
Your screen is made of thousands of pixels.

`pixel = px`

## PIXELS

A pixel is like a **dot of colour**.

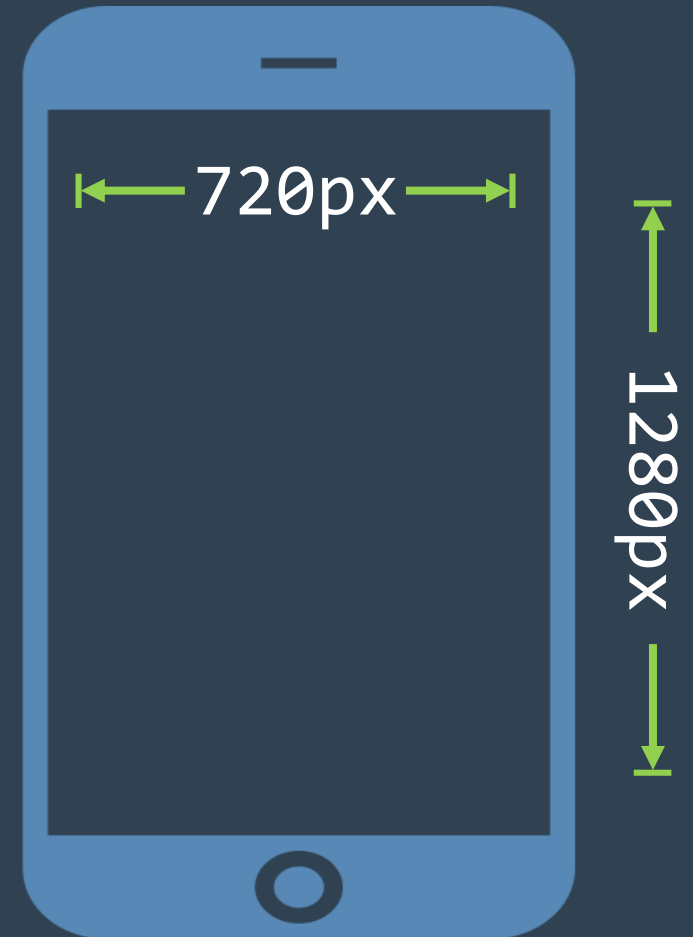
### EXAMPLES:



Thousands of tiny pixels make up an image.

**EXAMPLES:****PIXELS**

This screen is  
720 pixels by  
1280 pixels.



## EXAMPLES:

## PIXELS

When a box is:

```
width: 100px
```

you are saying the box is  
100 pixels wide.



**YOU'RE DOING AMAZING.**

We're almost done.

## width %

1. Not sure how wide your screen is?
2. Want it to cover half the screen?

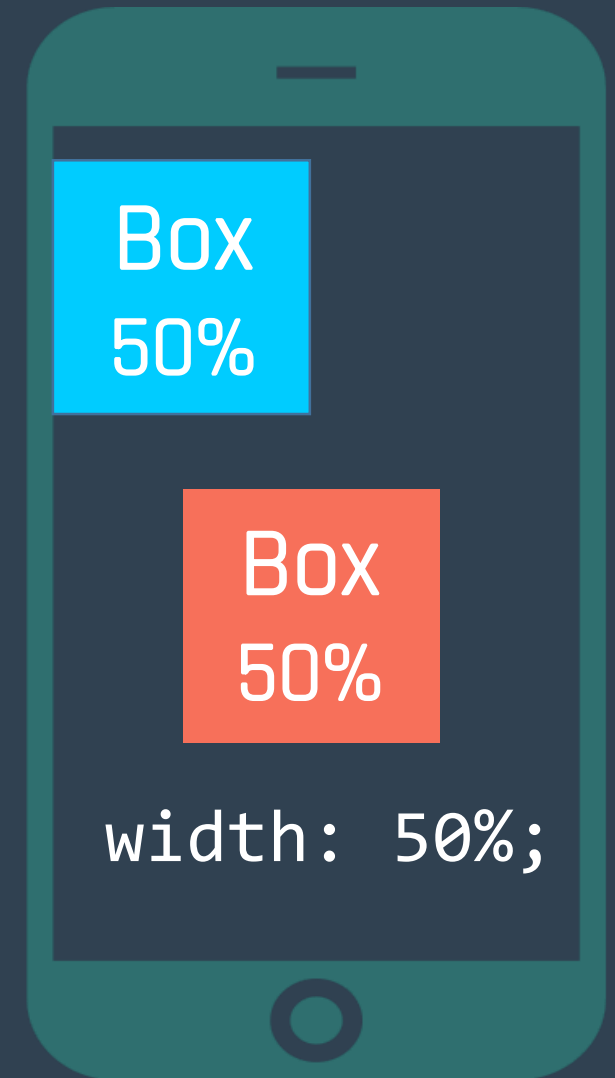
Make a box with % of screen size.

```
width: 50%;
```

## EXAMPLES:

### width %

50% will cover half the screen, no matter the size.



Here's a **SUPER modern** way  
of changing the size of your  
text.

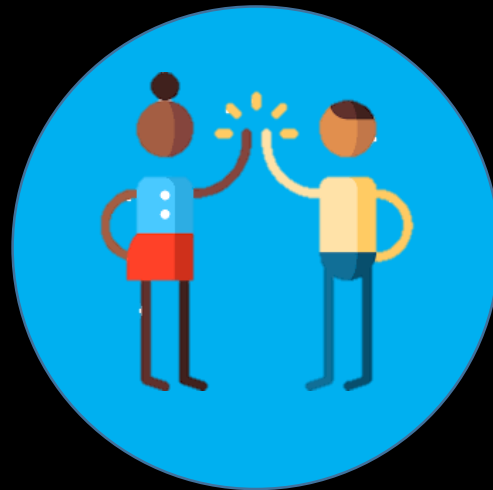
Psst. Most web designers don't even know  
about it yet.

## VIEWPORT FONT

1 vw point size  
=  
1% of screen width.

```
font-size: 10vw;
```

# CONGRATULATIONS



You've finished  
Training 4.

# WHOA!

That was a lot of  
information.

In the next lesson it's more  
typing and less reading.





Take a quick quiz...

# QUIZ

1. 2.



## QUESTION 2.4.1

What's responsive web design for?

- A. Viewport font sizes adapt to screen size.
- B. Same content looks great and all screens.
- C. Pixels are tiny dots that make up a screen.
- D. Allowing boxes to fit and align on a page.

# QUIZ

1. 2.



PREVIOUS ANSWER: B.

## QUESTION 2.4.2

How would you apply verdana (font) to h3, <div> and header?

A. `h3, div, header { font: verdana; }`

B. `h3 { font-family: verdana, arial, sans-serif; }`

C. `<h3 style = font-family: verdana; >`

D. All of the above.

# QUIZ

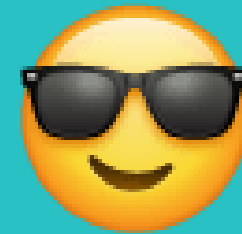
WHAT WAS YOUR SCORE?

1. 2.

50% 100%

PREVIOUS ANSWER: A.



# AMAZING!

We made it.



See you in Training 5.

**LOADING . . .**



# PROJECT 2

# Training 5

PRONOUNCED: [CODE-GEE-KA](#)

JIKA MEANS "DANCE" OR TURN IN ZULU, A SOUTH AFRICAN LANGUAGE.

## Desktop - v2

LEARN MORE: [WWW.CODEJIKA.COM](http://WWW.CODEJIKA.COM)

## WHAT'S THE DEAL?

### PROJECT 2:

Present your skills and plans in an attractive and engaging [Website CV](#) built with HTML, CSS and emojis.

### LEARN:

The [practical skills](#) of a Jnr. Web Developer over 12 Projects.

### PURPOSE:

Teach yourself. Teach your friends. [Help others.](#)

**OK.**

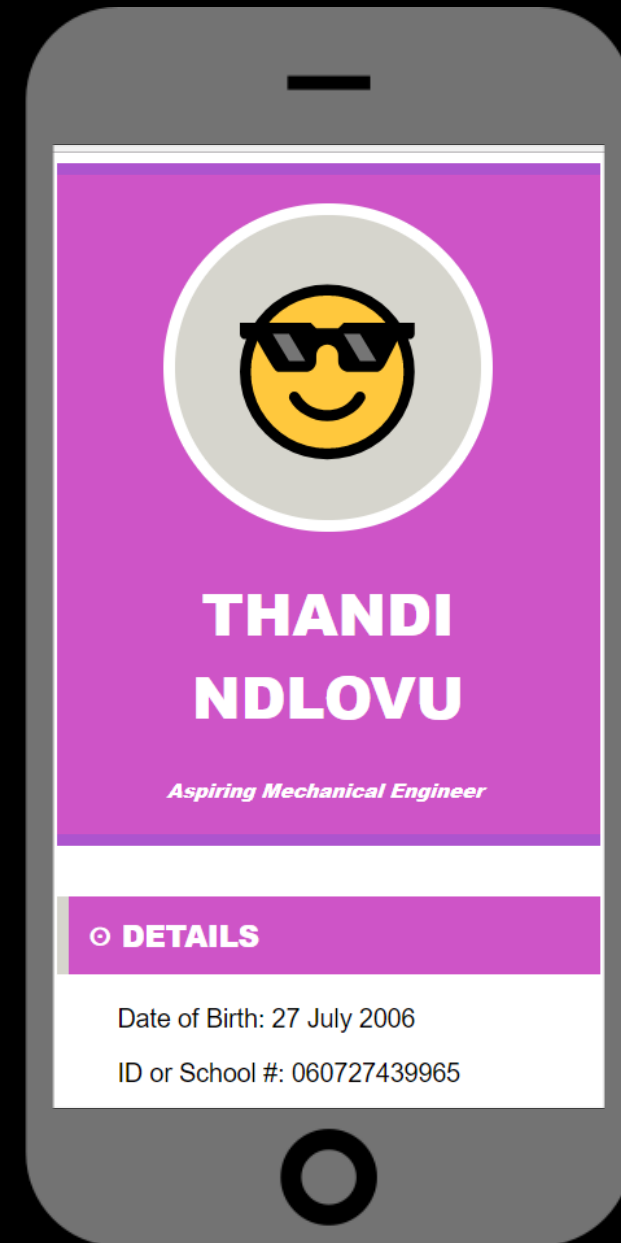
So,... You've done some  
amazing work so far.





# PREVIEW

As you know we're  
creating an awesome  
CV Website.



So now it's time for  
you to add some  
important information.



# TRAINING SNAPSHOT

PROJECT 2 – TRAINING 5

Today it's all about you;

1. Your **dreams**.
2. Your **goals**.
3. You'll also learn **HTML Lists**.

## PROJECT 2

# TRAINING SESSIONS:

1. Review: HTML Structure / Setup: Header
2. Dream job, your birthday & center the header.
3. The Incredible Box ( and classes.)
4. Learn: HTML Colors & Fonts.
5. Add your skills section & HTML lists.
6. The "Return" of the Emoji.

# MISSION

Add an “About Me” & “Experiences”  
to your CV.



This mission will include 4 challenges.

# CV Creation

A CV is your personal advertisement and it tells your story.



Most people use it to apply for jobs.

## CV Creation

These are sections that are suggested;

- DETAILS
- EDUCATION
- EXPERIENCE
- SKILLS
- CONTACT DETAILS

# CHALLENGE

1 of 4

## CODE:

Add an h3 with an “ABOUT ME” section.

## WHERE:

Below the “DETAILS” section.

```
<h3>  
  ABOUT ME  
</h3>
```



# PREPARE

## CODE:

Write about yourself in a `<p>`.

## WRITE:

What you are excited about.

What you love doing & your dream.

# CHALLENGE

2 of 4

## TIP:

You can add different lines by making a new `<p>` for each line.

## CODE:

Write about yourself in a `<p>`.

## WHERE:

Below the h3.

## EXAMPLE:

```
<p> I love.... </p>
```

```
<p> My dream is.... </p>
```

**GREAT.**

Did you manage?

Now we're going to add a few more sections.

# MISSION

Add “Education” and “Experiences” sections.



This mission will include 2 challenges.

# CHALLENGE

3 of 4

## CODE:

Add an h3  
"EDUCATION"  
section.

Add the text in a  
few `<p>` s.

## EXAMPLE TEXT:

2011-2015:  
East-gate Primary,  
Boksburg

2015- Ongoing:  
Itirele-Zenzele  
Secondary, Diepsloot

Future: 2020-2024:  
BSC in Computer  
Science, University  
of Pretoria

We want to know more  
about you.



Special things you've lived through  
which make you, you.

# CHALLENGE

4 of 4

## CODE:

Add an "EXPERIENCES" section.

You can write anything you want in the `<p>`.

## EXAMPLE TEXT:

```
<p>I was born in... </p>
```

```
<p>I enjoy...</p>
```

```
<p>I once saw ... </p>
```



We want to know more  
about you.



Special things you've lived through  
which make you, you.

# MISSION

Make a section with a list & bullet points.



This mission will include 6 challenges.

In order to make that look  
“PRO” you’re going to use  
a list with bullet points.

# AWESOME.

Now we're going to learn  
about lists.



# LISTS

There are two types of lists:

## `<ol>` Ordered

1. First item
2. Second item
3. Third item

## `<ul>` Unordered

- Item
- Item
- Item

## LISTS

### <ol> Ordered List

1. Starts with <ol>
2. Each item is wrapped with <li> and </li>
3. Ends with </ol>

```
<ol>  
  <li>First item</li>  
</ol>
```

# LISTS

## <ol> Ordered List

### LIST EXAMPLE:

1. First item
2. Second item
3. Third item

```
<ol>
  <li>First item</li>
  <li>Second item</li>
  <li>Third item</li>
</ol>
```

## LISTS

### <ul> Unordered List

1. Starts with <ul>
2. Each item is wrapped with <li> and </li>
3. Ends with </ul>

```
<ul>  
  <li>First item</li>  
</ul>
```



# LISTS

## <ul> Unordered List

### LIST EXAMPLE:

- Item
- Item
- Item

```
<ul>  
  <li>Item</li>  
  <li>Item</li>  
  <li>Item</li>  
</ul>
```

Simple, right?



# FANTASTIC!

Now for the fun part. Tell  
us about what you are  
good at.

# CHALLENGE

1 of 4

## CODE:

Add an "SKILLS" section.

## EXAMPLE:

```
<h3>SKILLS</h3>

<ul>
  <li>I can make an
  amazing spaghetti.
  </li>

  <li>Taught Michael
  Jackson to dance.
  </li>

  <li>Level 17: Tree-
  climber
  </li>
</ul>
```

Did you notice that the  
list doesn't look amazing?



What do you think?

Should we add a bit of  
good old CSS?



# CHALLENGE

2 of 4

## CODE:

Provide some padding and increase size of `<u1>` and `<p>`.

```
p, u1 {  
}
```

# CHALLENGE

3 of 4

## CODE:

Try 50px of padding on the left only.

```
p, ul {  
  padding-left: 50px;  
}
```



# CHALLENGE

4 of 4

## CODE:

Increase the size of text within these selectors by 30%.

Use `em`.

```
p, ul {  
  padding-left: 50px;  
  font-size: 1.3em;  
}
```

# GOOD JOB!



# ALMOST DONE.

Add a "CONTACT" section.



Here's an example of how  
your address can look.

Address: Zone 1, Diepsloot, South Africa |

Phone: +27 76 899 9999 |

Email: [thandi1994@gmail.com](mailto:thandi1994@gmail.com)

### PRIVACY:

Use a **fake phone number** and email.

Your information is private and **you may choose share** your CV design online.

# CHALLENGE

## CODE:

Add an "CONTACT" section.

Add a paragraph with town, area and country you live in.

Add a phone number and email too.

**DONE!**

Wow. You finished all that  
writing.

That was a lot.

# CONGRATULATIONS



You've finished  
Training 5.



Ready for  
Training 6?



IT'S AMAZNG...!

**LET'S GO.**

**LOADING . . .**



CODEJIKA.COM

## PROJECT 2

# Training 6

PRONOUNCED: [CODE-GEE-KA](#)

JIKA MEANS "DANCE" OR TURN IN ZULU, A SOUTH AFRICAN LANGUAGE.

## Desktop - v2

LEARN MORE: [WWW.CODEJIKA.COM](http://WWW.CODEJIKA.COM)

### WHAT'S THE DEAL?

#### PROJECT 2:

Present your skills and plans in an attractive and engaging [Website CV](#) built with HTML, CSS and emojis.

#### LEARN:

The [practical skills](#) of a Jnr. Web Developer over 12 Projects.

#### PURPOSE:

Teach yourself. Teach your friends. [Help others.](#)

This is the lesson you  
have been waiting for  
your whole life.

# EMOJI TIME!?!



# TRAINING SNAPSHOT

PROJECT 2 - TRAINING 5

This one is all about:

# Emojies

## PROJECT 2

# TRAINING SESSIONS:

1. Review: HTML Structure / Setup: Header
2. Dream job, your birthday & center the header.
3. The Incredible Box ( and classes.)
4. Learn: HTML Colors & Fonts.
5. Add your skills section & HTML lists.
6. The "Return" of the Emoji.



# EMOJIES

Most internet browsers have a few emoji images locked inside their system.



# EMOJIES

Each emoji has a special password.



And you can release it if you know  
it.



## EMOJIES

Emojis are “Special Characters”.

They have between 4 and 6 letters or numbers.

EXAMPLE:



= #x1F60E

## EMOJIES

Tell the browser that this not just random text;

In front put a: "&" (ampersand)

EXAMPLE:



= **&** #x1F60E

# MISSION

1. Add a big emoji in a new `<div>` .
2. Style it with class `.emoji` .

...

This mission will include 4 challenges.

READY?

# CHALLENGE

1 of 4

## CODE:

Add a new div.

## WHERE:

Inside the `<div>` in `<header>`.

```
<header>
  <div class="circle">
    <div>
    </div>
  </div>
</header>
```

# CHALLENGE

2 of 4

## CODE:

Place an emoji into the new `<div>`.

Use this one: `&#x1F60E;`

```
<header>
  <div class="circle">
    <div>
      &#x1F60E;
    </div>
  </div>
</header>
```



# CHECK

Do you see the emoji you  
added?

Isn't it too small and out of  
place?

Let's fix that.

```
font-size: em;
```

```
font-size: em;
```

`em` is a simple way to make fonts larger.

EXAMPLE:

```
font-size: 8em;
```

**TIP:**

1em = 16px

# CHALLENGE

3 of 4

## CODE:

Create a new CSS Class: `.emoji` and increase the font size to `8em` .

```
.emoji {  
  font-size: 8em;  
}
```

# CHALLENGE

4 of 4

## CODE:

Link the `.emoji` class to the new `<div>`.

```
<div class="circle">  
  <div class="emoji">  
    &#x1F60E;  
  </div>  
</div>
```

# CHECK

How does it look now?

Are you happy with it?

That was fun.  
Now let's improve the  
section titles.

# MISSION

Put an emoji in front of each section title.



This mission will include 2 challenges.



Put an emoji inside each  
section of your CV.

# CHALLENGE

1 of 2

## CODE:

Insert an emoji before your h3 text.

```
<h3>  
  🚩 DETAILS  
</h3>
```

# CHALLENGE

2 of 2

## CODE:

Here are  
suggested  
ones for  
the rest:

**#9737** ABOUT ME

**#9998** EDUCATION

**#10004** EXPERIENCE

**#9917** SKILLS

**#9993** CONTACT

**CHECK**

Do you like how it looks?

If not, here are few others  
to play with...

# REFERENCE

1.1.2

## BROWSER EMBEDDED EMOJIES

More online here:

[https://www.w3schools.com/charsets/ref\\_utf\\_misc\\_symbols.asp](https://www.w3schools.com/charsets/ref_utf_misc_symbols.asp)

## BROWSER EMBEDDED EMOJIES

SET 1

EMOJI	CODE:
☕	9749
🎵	9835
☆	9734
☀️	9728
😊	9786
⚽	9917
🌸	10048
☂️	9748
∞	infin;
➔	10140

SET 2

EMOJI	CODE:
❤️	10084
✳️	10045
🌸	10047
✝️	10014
⚡	9889
◯	9898
●	9899
⚠️	9888
+	10010
©	copy;

Now let's finish off this  
training with tweaking our  
SKILLS List.

# MISSION

Replace bullet points with emojis.

• • •

This mission will include 2 challenges.



# CHALLENGE

1 of 2

## CODE:

Add `list-style: none;` to the `p`, `ul` CSS.

This removes the black bullet-points.

```
p, ul {  
  list-style: none;  
  padding-left: 50px;  
  font-size: 1.3em;  
}
```

# CHECK

How does it look without  
the bullet-points?

# CHALLENGE

2 of 2

## CODE:

Add `&#9898`  
in front of  
each item on  
the list.

```
<li>&#9898 Awesome at...  
</li>  
<li>&#9898 Dance like ...  
</li>  
<li>&#9898 Level 5:...  
</li>
```

# CHECK

Do you prefer this look?

We're going to finish now  
with a very simple, but  
important "Special  
Character".

# COPYRIGHT

Tell everyone that the content you've written is your original work.

EXAMPLE:

© = &copy;

## COPYRIGHT

It could look like this:

```
<br>  
&copy; Copyright 2021 Thandi Ndlovu  
Inc.
```

# CHALLENGE

1 of 4

## TIP:

Add the year and your name after the copyright sign.

## CODE:

Add a copyright line at the end of your website right before `</body>` .

```
<br>
```

```
&copy; Copyright 2021 Thandi Ndlovu  
Inc.
```



Here's a quick way to  
center your copyright line:

# CHALLENGE

1 of 4

## CODE:

Wrap the content you want to center in `<center>` tags.

```
<center>  
  <br>  
  &copy; Copyright 2021...  
</center>
```

**WOW!**

Good job!

Just double-check your  
code now.

# CHECKPOINT

Your code should look like this:

```
<h3>
  &#9737 ABOUT ME
</h3>
  <p> Stuff.... </p>
<h3>
  &#9998 EDUCATION
</h3>
  <p> Stuff... </p>
<h3>
&#10004 EXPERIENCE
</h3>
  <p> Stuff... </p>
<h3>
  &#9917 SKILLS
</h3>
<ul>
  <li>&#9898 List Stuff</li>
</ul>
<h3>
  &#9993 CONTACT DETAILS
</h3>
  <p> Stuff... </p>
<center>
  <br>&copy Copyright 2018 ...
</center>
```



You just finished Project 2.

That's a **MAJOR AWESOME**  
accomplishment.

Well done!

**TIME TO CELEBRATE.**

If you enjoyed Project 2,...

You'll **LOVE** Project 3.

See you there.



**BYE.**

See you soon.