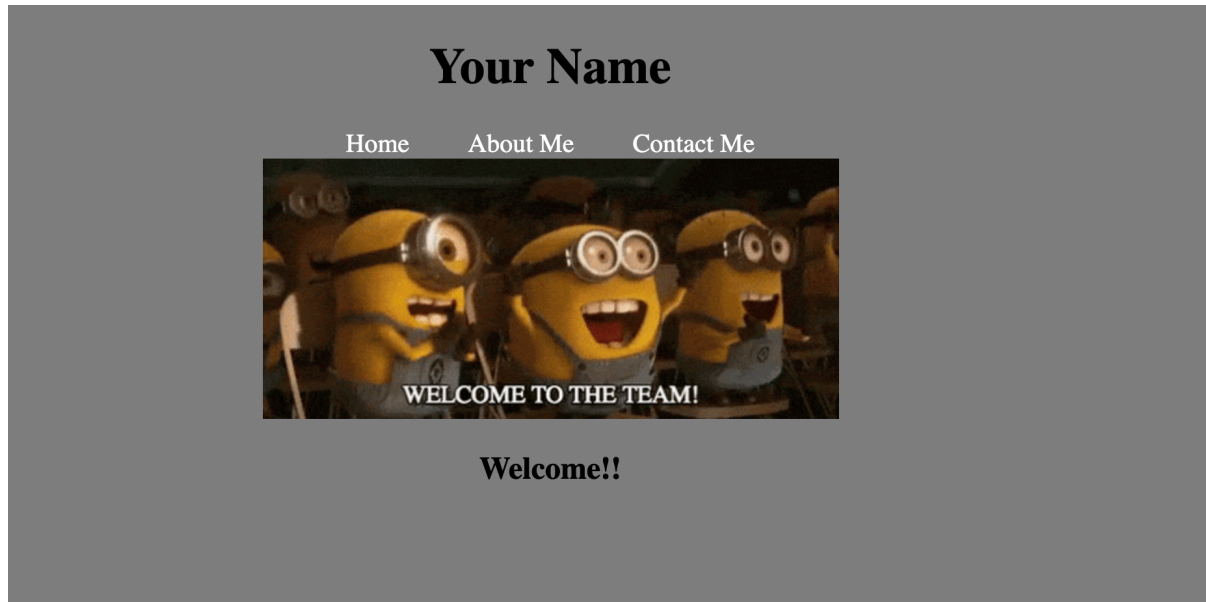# Website Design
Part 2

Design your website:

Introduction:
This is a continuation of part 1 website design project. In this project we will be using CSS to design our website. CSS stands for Cascading Style Sheet. CSS describes and defines how HTML elements are displayed.

Step 1: Getting started
For this part, we are going to create 3 html files and 1 css file. We will then connect these files in the webpages. Create these files in the same folder to make it easier for locating them.
Html files:
1. index.html
2. aboutme.html
3. contactme.html
css file:
1. main.css

Step 2: Connecting your CSS file to your html file
Copy the following code to your editor.

```html
<!DOCTYPE html>
<html>
<head>
    <title>my page</title>
    <link rel="stylesheet" type="text/css" href="main.css" />
</head>
</html>
```

We connect css file in the <head> element.

<link ← This shows that it is a type link.

rel = "stylesheet" ← This shows the relationship between the html file and the css file, which is stylesheet as we are connecting a CSS file.

type = "text/css" this shows the internet media type

href = "main.css" this is the link file name or if it is not located in the same folder it would be path/filename.css

Step 3: Adding navigation
Add this to your code between </head> and </html>

```html
<body>
    <header>
        <div id="name"><h1> Your Name</h1></div>
        <nav>
            <a href = "index.html">Home</a>
            <a href = "aboutme.html">About Me</a>
            <a href = "contactme.html"> Contact Me</a>
        </nav>
    </header>
</body>
```

Now your code should look like this overall:

```html
<!DOCTYPE html>
<html>
<head>
    <title>my page</title>
    <link rel="stylesheet" type="text/css" href="main.css" />
</head>
<body>
    <header>
```

```
        <div id="name"><h1> Your Name</h1></div>
        <nav>
            <a href = "index.html">Home</a>
            <a href = "aboutme.html">About Me</a>
            <a href = "contactme.html"> Contact Me</a>
        </nav>
    </header>
</body>
</html>
```

What did we do?

We have added navigation to our header, which is the top of our webpage.

<div id = "name"> div is used as a container. This will make it easier for us to edit using css later.

<nav> element is used as a container to hold all the navigations.

If you open this on your browser it should look like this:

Your Name

Home About Me Contact Me

If you click on About me and Contact Me you should get blank white pages.

Step 3: Copy

This will be the default settings for our webpages so copy whatever you have on the index.html page so far and paste it on About me and Contact Me page.

Step 4: Let's do a little designing!

Open your main.css file and type down:

```css
body{
    background-color:gray;
}
```

To design html files, we first need to call the html element.

save that and open your file on the browser you should see:

Your Name

Home About Me Contact Me

Set your background color to any color you want.
Add the following code to your code.

```css
#name{
    font-size:120%;
    color: black;
    text-align: center;
}
nav {
    text-align: center;
```

```
    font-size: 20px;
    text-decoration: none;
}
nav a{
    color: white;
    text-decoration: none;
    padding:20px;
}
```
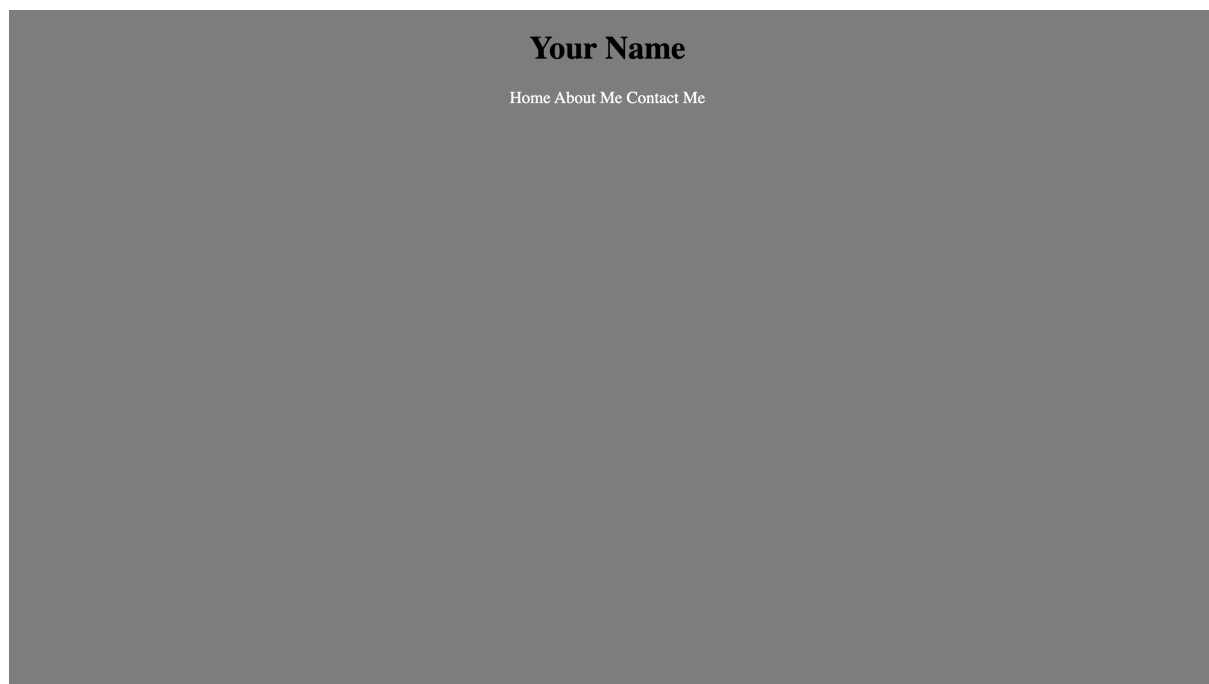
#name is a container, <div id="name">, when the division is type "id" it is called with "#" on css file if it is a class it is called by"."
Font-size is changing the size of the font. We can set the sizes using different ways, percentage and pixels are the most commonly used ones.
Text-align sets the text either to right, left, or center of the page.
Padding gives you space between the words, we havn't specified which side we would like to add the padding so this has added 20px of padding on top, bottom, left, and right of the "a" links.

Your page should now look similar to this:

Your Name

Home About Me Contact Me

Step 5: Lets add some information

Go to index.html file and the following code unser </header>

```
<div id = "welc">
        <img src="welcome.gif" alt="welcome">
        <h2> Welcome!!</h2>
    </div>
```
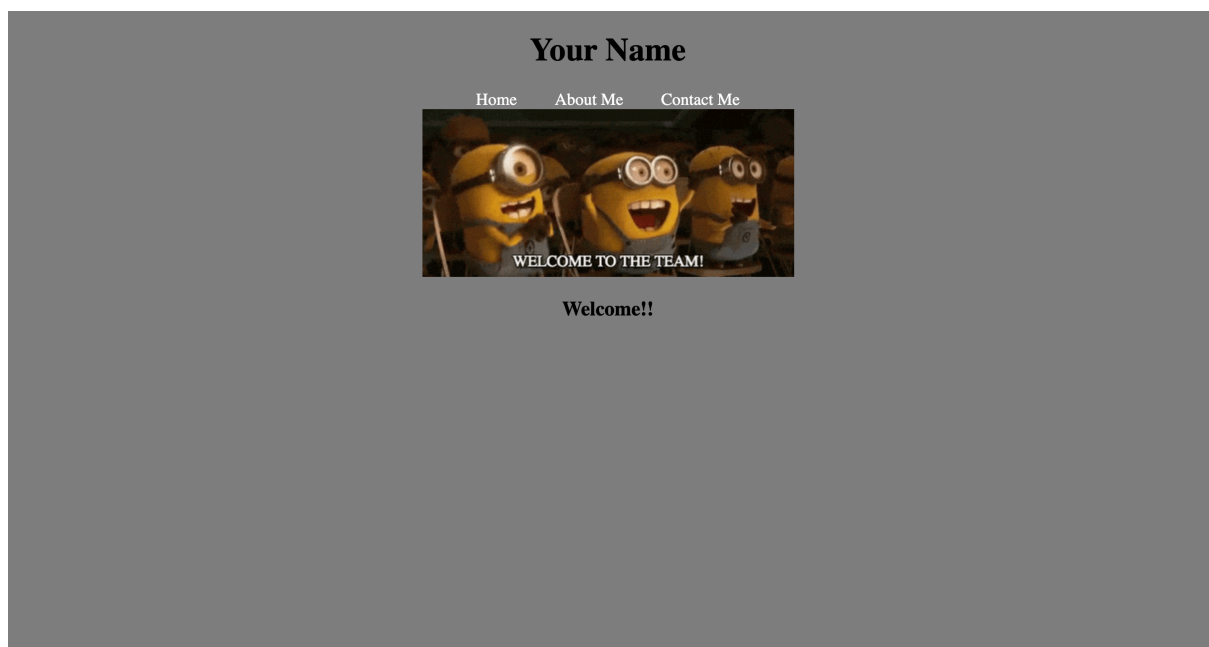
Add a gif to your home page for a warm welcome.

add the following to your css file

```
#welc {
    text-align: center;
}
```

It should now look similar to this:

You can now design your about me page however you like. ☺

Contact Me:

Add the following code to contactme.html file under </header>

```html
<form>
        <input name="name" type="text" id="name" placeholder="Your Name"/>
        <br><input name="email" type="text" id="email" placeholder="Your Email"/>
        <br><textarea name="comment" type="comment" id="comment" placeholder="Your
Comment"></textarea>
        <br><input type="submit" value="SUBMIT"/>
    </form>
```

Add the following code to your css file

```css
form{

    max-width:300px;
    margin:100px auto;
    min-width: 300;

}
textarea {
    height: 150px;
    line-height: 150%;
    resize:vertical;
}
```

Your contact me page should look similar to this: