CREATE A PORTFOLIO

With Basic HTML & CSS

Before you begin...

THIS GUIDE TO CREATING A PROFESSIONAL PORTFOLIO WEBSITE USING HTML & CSS has been compiled for you to use in conjunction with ITonlinelearning's Web & Software Development webinar titled "Building a Portfolio with Basic HTML and CSS".

We encourage you to watch the recorded webinar whilst reviewing the information below in order to ensure you are aware of how the elements come together and how you can create a similar end-product for your personal & professional development.

Should you wish to have your website and/or portfolio reviewed once it has been completed (or if you are in need of assistance), feel free to get in touch with your Tutor or Study Coach.

Alternatively, please reach out to support@itonlinelearning.com or +44 (0)1795 504 553 where you will be redirected to the relevant office.
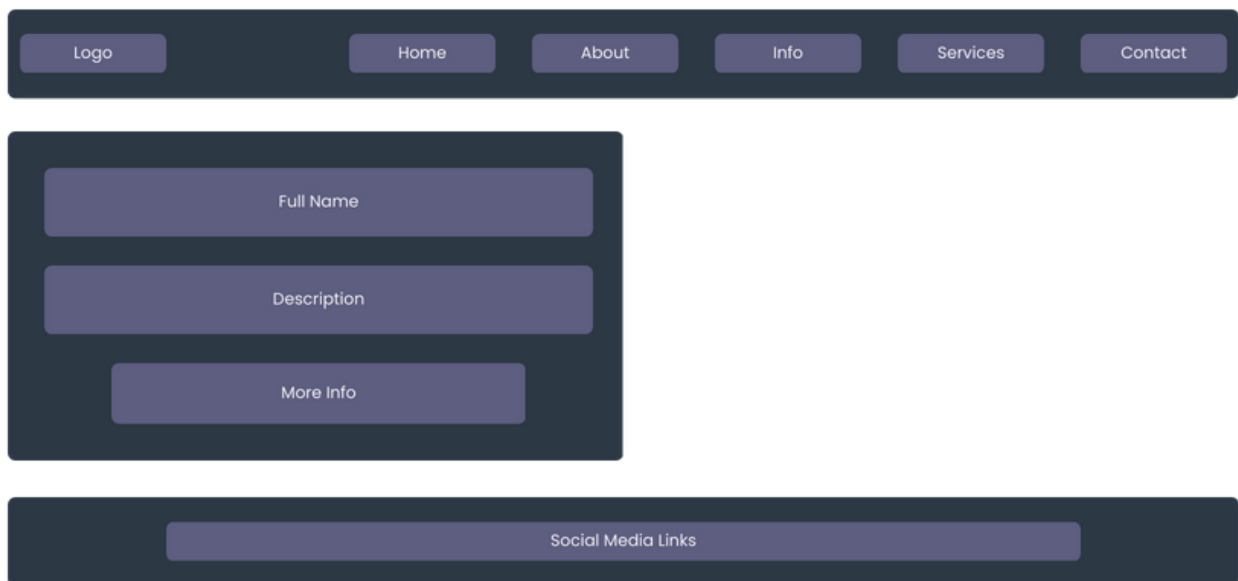
We look forward to seeing your work.

PHASE 1: CREATE AN HTML PAGE

1. Create a Project Plan to map out your ideal website

| Logo | Home | About | Info | Services | Contact |

Full Name

Description

More Info

Social Media Links

2. Set up the basic HTML structure of your page

```html
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <title>Document Title</title>
5    </head>
6    <body>
7      <h2>Heading</h2>
8    </body>
9  </html>
10
```

3. Set up the page meta information in the heading section

```
1 <meta charset="UTF-8" />
2 <meta http-equiv="X-UA-Compatible" content="IE=edge" />
3 <meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

4. Set up the page title

```
1 <title>Personal Portfolio</title>
```

5. Insert font awesome and CSS link in the head section
(Font awesome is an icon library and toolkit used by many developers, designers, and content writers)

```
1 <link
2     rel="stylesheet"
3     href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.2.1/css/all.min.css"
4 />
5 <link rel="stylesheet" href="style.css" />
```

6. Insert the page section tag in the body section

```
1 <section>
2
3     </section>
```

7. Insert a checkbox

```html
1 <input type="checkbox" id="check" />
```

8. Insert a Page Header tag

```html
1 <header>
2
3         </header>
```

9. Insert a heading

```html
1 <h2>
2
3         </h2>
```

10. Insert a page logo link inside the heading

```html
1 <h2>
2       <a href="" class="logo"
3         ><img src="./itonline-logo.png" width="65px" height="40px"
4       /></a>
5     </h2>
```

11. Insert the navigation division

```html
1 <div class="navigation">
2       <a href="">Home</a>
3       <a href="">About</a>
4       <a href="">Info</a>
5       <a href="">Services</a>
6       <a href="">Contact</a>
7     </div>
```

12. Insert the checkbox label

```
1 <label for="check">
2         <i class="fas fa-bars menu-btn"></i>
3         <i class="fas fa-bars close-btn"></i>
4     </label>
```

13. Insert content division

```
1 <div class="content">
2
3     </div>
```

14. Insert information division

```
1 <div class="info">
2
3     </div>
```

15. Insert the heading inside information division

```
1 <h2>Personal <br /><span>Portfolio!</span></h2>
```

16. Insert paragraph inside information division

```
1 <p>
2         Lorem ipsum dolor sit amet consectetur adipisicing elit. Impedit
3         inventore quidem obcaecati explicabo culpa rem corporis, non eveniet
4         odit dicta cum iusto id aliquam dolore doloremque ipsam. Harum,
5         quaerat? Corporis?
6     </p>
```

17. Insert the information link inside the information division

```
1 <a href="#" class="info-btn">More Info</a>
```

18. Insert media-icons divisions and links (the below is an example of font awesome being implemented)

```
1 <div class="media-icons">
2     <a href="#"><i class="fa-brands fa-facebook"></i></a>
3     <a href="#"><i class="fa-brands fa-twitter"></i></a>
4     <a href="#"><i class="fa-brands fa-linkedin"></i></a>
5     <a href="#"><i class="fa-brands fa-instagram"></i></a>
6 </div>
```

PHASE 2: STYLE AN HTML PAGE

1. Import Google fonts (Poppins was used below as it contains all font weights)

```
1 @import url("https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700;800;900&display=swap");
```

2. Remove default browser styles

```
1 * {
2   margin: 0;
3   padding: 0;
4   box-sizing: border-box;
5   font-family: "Poppins", sans-serif;
6 }
```

3. Styling section element

```
1 section {
2   position: relative;
3   width: 100%;
4   min-height: 100vh;
5   display: flex;
6   flex-direction: column;
7   justify-content: flex-start;
8   background: url("./6.jpg");
9   background-size: cover;
10  background-position: center;
11 }
```

4. Style the header element

```css
header {
    position: relative;
    top: 0;
    width: 100%;
    padding: 30px;
    display: flex;
    justify-content: space-between;
    align-items: center;
}
```

5. Style the header logo

```css
header .logo {
    position: relative;
    color: rgb(155, 70, 70);
    font-size: 30px;
    text-transform: uppercase;
    font-weight: 800;
    letter-spacing: 1px;
}
```

6. Style the header navigation link

```css
header .navigation a {
    /* color: #000; */
    color: rgb(246, 243, 243);
    text-decoration: none;
    font-weight: 500;
    letter-spacing: 1px;
    padding: 2px 15px;
    border-radius: 20px;
    transition: 0.3s;
    transition-property: background;
}
```

7. Style the header navigation child elements

```css
header .navigation a:not(:last-child) {
    margin-right: 30px;
}
```

8. Style the header navigation link hover

```
1 header .navigation a:hover {
2   background: #fff;
3 }
```

9. Style the content division element

```
1 .content {
2   max-width: 650px;
3   margin: 60px 100px;
4 }
```

10. Style the content information heading

```
1 .content .info h2 {
2   color: #fff;
3   font-size: 55px;
4   text-transform: uppercase;
5   font-weight: 800;
6   letter-spacing: 2px;
7   line-height: 60px;
8   margin-bottom: 30px;
9 }
```

11. Span the heading of content information

```css
1 .content .info h2 span {
2    color: #fff;
3    font-weight: 600;
4    font-size: 40px;
5    font-weight: 600;
6 }
```

12. Style the content information button

```css
1 .content .info-btn {
2    color: rgba(255, 255, 255, 0.753);
3    background: rgb(138, 133, 133);
4    text-decoration: none;
5    text-transform: uppercase;
6    font-weight: 700;
7    letter-spacing: 2px;
8    padding: 10px 20px;
9    border-radius: 15px;
10   transform: 0.3s;
11   position: absolute;
12   transition-property: background;
13 }
```

13. Style the content information button hover

```css
1 .content .info-btn:hover {
2    background: rgb(19, 17, 17);
3 }
```

14. Style the media icons

```css
1 .media-icons {
2   display: flex;
3   justify-content: center;
4   align-items: center;
5   margin: auto;
6 }
```

15. Style the media icons child element

```css
1 .media-icons a:not(:last-child) {
2   margin-right: 60px;
3 }
```

16. Style the media icons link

```css
1 .media-icons a {
2   position: relative;
3   color: rgb(15, 15, 16);
4   font-size: 25px;
5   transition: 0.3s;
6   transition-property: all;
7 }
```

17. Style the media icons hover

```css
1 .media-icons a:hover {
2   transform: scale(1.5);
3 }
```

18. Style the header navigation checker element

```css
#check:checked ~ header .navigation {
  z-index: 2;
  position: fixed;
  background: rgba(224, 223, 226, 0.637);
  top: 0;
  bottom: 0;
  left: 0;
  right: 0;
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
}
```

19. Style the header navigation checker element link

```css
#check:checked ~ header .navigation a {
  font-weight: 700;
  margin-right: 0;
  margin-bottom: 50px;
  letter-spacing: 2px;
}
```

20. Style the checker element

```css
#check {
  z-index: 3;
  display: none;
}
```

21. Style the header checker element label menu button

```css
1 #check:checked ~ header label .menu-btn {
2    display: none;
3 }
```

22. Style the header checker element label close button

```css
1 #check:checked ~ header label .close-btn {
2    z-index: 2;
3    display: block;
4    position: fixed;
5 }
```

23. Style the media query for header navigation responsiveness

```css
1 @media (max-width: 960px) {
2    header .navigation {
3       display: none;
4    }
5 }
```

24. Style the label

```css
1 label {
2    display: block;
3    font-size: 25px;
4    cursor: pointer;
5 }
```

25. Style the label hover

```css
1 label:hover {
2   color: #fff;
3 }
```

26. Style the label close button

```css
1 label .close-btn {
2   display: none;
3 }
```

27. Style the label menu button

```css
1 label .menu-btn {
2   position: absolute;
3 }
```

28. Style the heading under information division

```css
1 .content .info h2 {
2   font-size: 45px;
3   line-height: 50px;
4 }
```

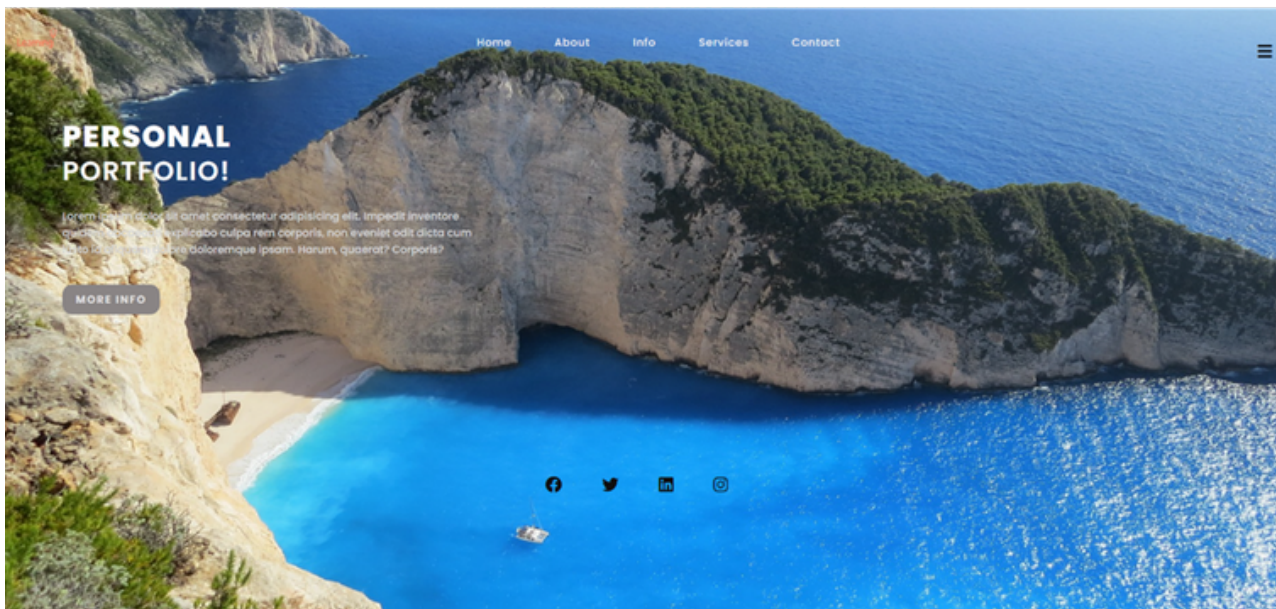## 29. Style the paragraph under the information section

```css
1 .content .info p {
2   font-size: 16px;
3   font-weight: 500;
4   color: rgb(216, 217, 218);
5   margin-bottom: 40px;
6 }
7
```

THE FINAL PORTFOLIO

Your final portfolio project should look as follows:

WE HOPE YOU ENJOYED PRACTISING YOUR WEB DEVELOPMENT SKILLS WITH US!