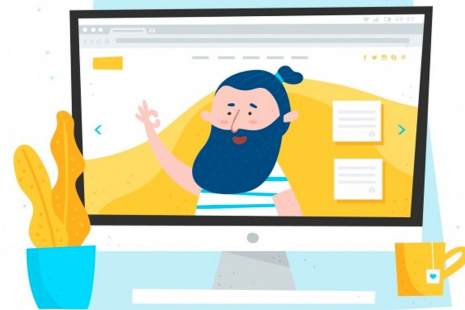


## PERSONAL WEBSITE



### What we did:

We built and host personal portfolio website.

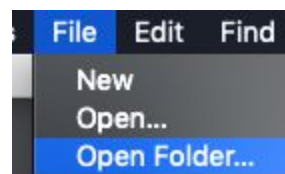
### How we did it:

Create a folder on the desktop.

Now let's create a folder on your desktop or anywhere you want to save our code files into.



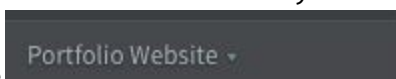
I have created this empty folder on my desktop where I am going to save all my three source code files for HTML CSS js after coding in brackets.



Now go back to brackets and click file>open folder

folder you just created and click  you will see the brackets files section now

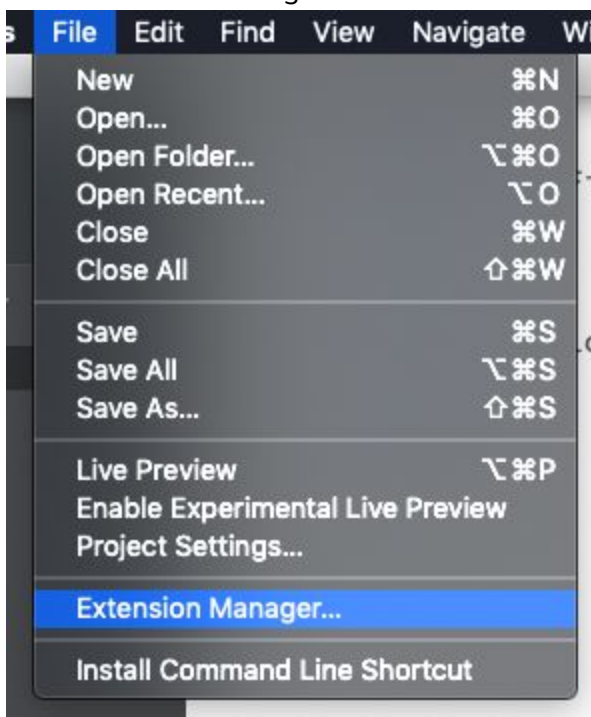
shows you folder name



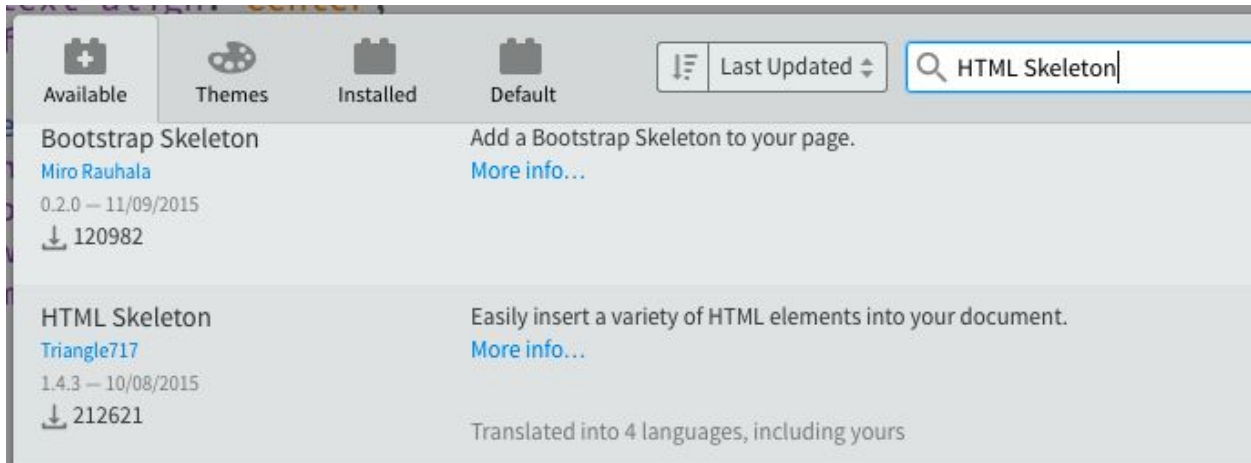
Now, let's create three code files.

```
index.html
main.js
style.css
```

Now, let's add a new extension to make writing code efficient. Extensions are the extra features you can add to the brackets IDE to make your programming faster. Goto File>Extension Manager.



in the available tab search for *HTML Skeleton* and  it



you may have to restart the brackets if required. You will see the small beautify icon on the

right . goto index.html and click on this skeleton

## HTML Skeleton

HTML Skeleton allows you to add various HTML elements straight into your document, freeing you from typing it yourself.

### Usage

1. Place your cursor where you want the elements to be added.
2. Select the elements you desire.
3. Click Done and the HTML elements will be added to your document!

### Elements

- ☐ Basic HTML Skeleton
- ☐ Viewport
- ☐ External Stylesheet
- ☐ Inline Stylesheet
- ☐ External Script
- ☐ Inline Script
- ☐ Image

 Width

 x  Height

☒ Full HTML Skeleton

Includes all elements above except inline stylesheet, inline script, and image




select Full HTML Skeleton checkbox and click done. this generates an html code so you don't have to type everything from start.

```

1  <!DOCTYPE html>
2  <html lang="">
3  <head>
4      <meta charset="utf-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title></title>
7      <link rel="stylesheet" href="">
8  </head>
9
10 <body>
11     <script src=""></script>
12 </body>
13 </html>
14

```

Great. Now we got the template, in the LAN tab you can specify the language as en for

English `2 ▾ <html lang="en">`

Let's start coding. ignore the rest of the head tag as we know head tag works are documented settings code.

The HTML document has two sections HEAD and BODY.

1. HEAD is used to provide the title and connect external CSS and js files to HTML document. HEAD components are like "settings" of a webpage.

```
2 ▾ <head>
3     <title>Sir Tim Berners-Lee</title>
4     <link rel="stylesheet" href="style.css">
5 </head>
```

2. Webpage BODY is divided into two SECTIONS

SECTION1 Welcome which has profile image and says I am Tim Berners lee I am the founder of www: World wide web. This section has a div tag to space elements like image h1 and h2 one after the other. Also, a <br>line break tag is used to separate line I am and Tim Berners Lee. Section and div have separate classname. as we want the CSS to be applied to overlay div and section.

The image files are downloaded from the internet and save in the same folder to provide the src or the location to the HTML document.

```
10 ▾ <section id="welcome">
11 ▾     <div class="parallax-inner">
12         
13         <h1>I Am <br><span id="name">Tim Berners-Lee</span></h1>
14         <h2> I am the founder of www: World Wide Web</h2>
15     </div>
16 </section>
```

3. SECTION2 bio is a short biography. There is a <div> tag with the class line to provide a small underline between Hi and bio.

The bio text is enclosed in paragraph <p> tag with <br> line breaks

```

20 <section id="bio">
21   <h1>Hi!</h1>
22   <div class="line"></div>
23   <p>Tim Berners-Lee is a software engineer who invented the Internet (or the World Wide
24     Web) in 1989 while at CERN, the European Particle Physics Laboratory.
25
26     He is director of the World Wide Web Consortium that he founded and a Professor in
27     the Computer Science Department at the University of Oxford.
28
29     In 2001 he became a Fellow of the Royal Society and in 2004 he was knighted.<br>
30     <br>In 1994 Berners-Lee founded the World Wide Web Consortium (W3C) at the Laboratory
31     of Computer Science (LCS) at the Massachusetts Institute of Technology in Boston. It
32     was made up of companies that wanted to work together to create Web standards and
     also improve the Web. It was quickly agreed that the technology should be free of
     royalties and patents. Berners-Lee has served as director of this W3C since it was
     founded.
33
34     In 1995 Microsoft produced the first version of Internet Explorer and this commercial
35     browser created enormous growth in websites and web users.
36
37     The Web was first used for e-commerce in 1997.</p>
38 </section>

```

## CSS

1.

```

1 body {
2     margin: 0;
3     padding-top: 800px;
4 }

```

Body tag has margin 0 and padding-top:800px`

```

6 .profile {
7     width: 175px;
8     margin-bottom: 50px;
9     border-radius: 50%;
10 }

```

2.

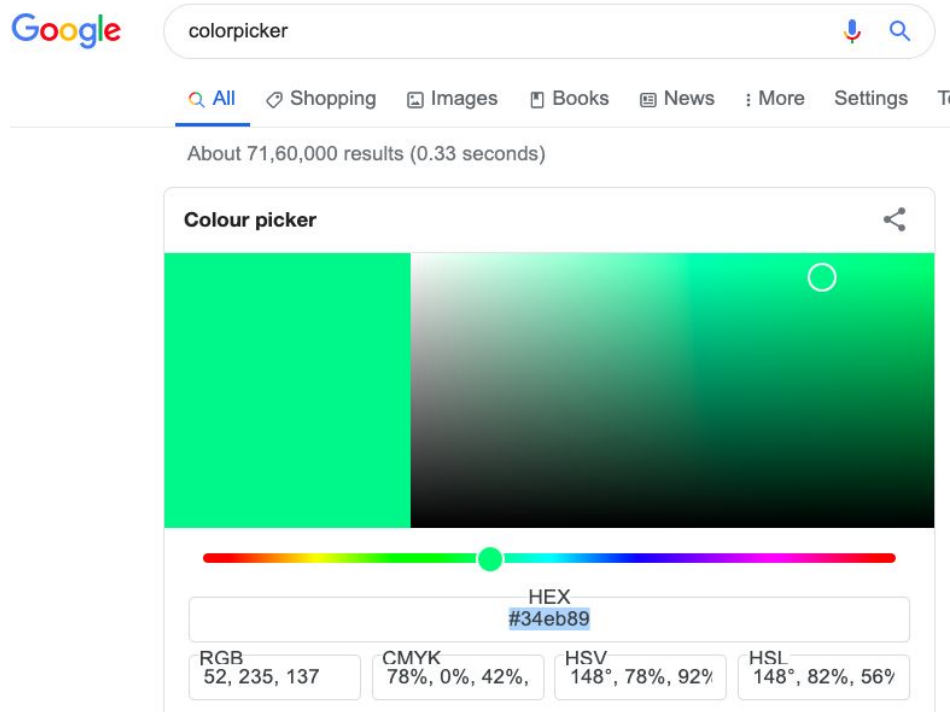
The profile image is given a border-radius of 50% to appear circular

3. The welcome section has a display of table and background color is a range of linear gradient that means a color range from somecolor at 0% transparency to somecolor at 100% transparency.  
 you can copy the hex code of the color using any color picker.

```
12 ▾ #welcome {  
13     position: absolute;  
14     overflow: hidden;  
15     height: 800px;  
16     color: #FFFFFF;  
17     left: 0;  
18     top: 0;  
19     bottom: 0;  
20     right: 0;  
21     opacity: 0.83;  
22     background: linear-gradient(#60ebeb 0%, #27ae60 100%);  
23     display: table;  
24     width: 100%;  
25     height: 100%;  
26  
27 }
```

HEX  
#34eb89

Just google “colorpicker” and choose the color and copy-paste the hex code.



Width and height are set to occupy 100% of the screen along with margin set to 0 from all four sides.



4. Remember we want the div with idname parallel-inner to overlay on the section welcome right so for that we have set the display of the welcome section as a table and set the display of the parallel-inner division as table cell so that div elements appear on the section.

```
77 ▼ .parallax-inner {  
78  
79     display: table-cell;  
80     position: relative;  
81     text-align: center;  
82     vertical-align: middle;  
83  
84 }
```

5. All the three texts have different font-family i.e  
1-I am 2-Tim Berners-Lee 3. I am the founder of www.

Remember if you are styling tag name use just the tag name like h1 and h2 here.  
but if you want to style using id is the syntax hash idname

```
31 ▼ h1 {  
32  
33     font-size: 40px;  
34     line-height: 1.2;  
35     font-family: inherit;  
36     font-weight: 300;  
37 }  
38  
39 ▼ #name {  
40     font-size: 30px;  
41     line-height: 1.2;  
42     font-family: cursive  
43 }  
44  
45 ▼ h2 {  
46     font-size: 30px;  
47     font-weight: 300;  
48     line-height: 1.2;  
49     font-family: monospace  
50 }
```

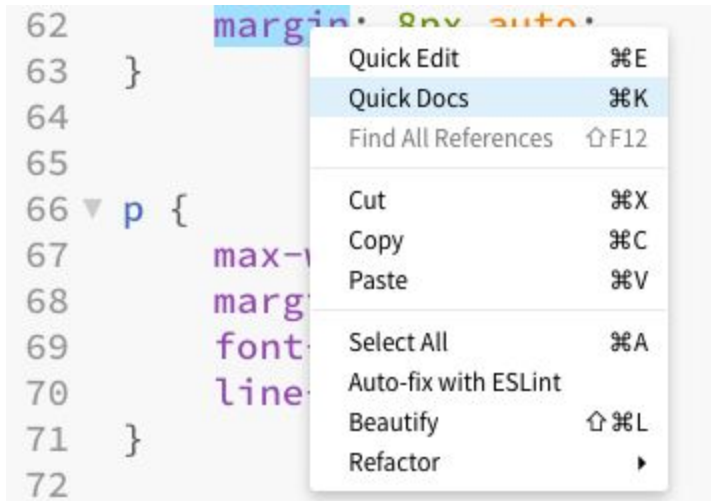


6. Section Bio has an EMPTY `<div class="line"></div>` div element. this is to just color the div element as a black rectangle with width 70px and height 6px.

```
52 ▼ #bio {  
53  
54     padding: 50px;  
55     text-align: center;  
56     font-size: 42px;  
57 }  
58 ▼ .line {  
59     height: 6px;  
60     background-color: #000;  
61     width: 70px;  
62     margin: 8px auto;  
63 }  
64  
65  
66 ▼ p {  
67     max-width: 450px;  
68     margin: 25px auto;  
69     font-size: 17px;  
70     line-height: 1.3;  
71 }
```

Margin is auto aligns itself horizontally.

If you don't understand something from code is always good to right-click on that word and select quick docs.



**What's next:** In the next class, we'll continue to work on building and hosting your personal portfolio website

### EXTEND YOUR KNOWLEDGE

Here are Few Best Reference Links we complied to extend your knowledge about the concept we learnt today in the class. This will help you become pro at coding and creating industry grade tech products

**Short Videos:** Watch these Short Videos to Understand the Class Concepts Applied in Real World Applications.



[https://www.youtube.com/watch?v=5t\\_Am43ALcQ](https://www.youtube.com/watch?v=5t_Am43ALcQ)



<https://www.youtube.com/watch?v=WUpQsDxGXe0>



<https://www.youtube.com/watch?v=stNQBoPtkho>

**Coding Playground:** Try Out These code examples yourself to deepen your knowledge



[https://www.w3schools.com/html/html\\_intro.asp](https://www.w3schools.com/html/html_intro.asp)



[https://www.w3schools.com/cssref/pr\\_text\\_color.asp](https://www.w3schools.com/cssref/pr_text_color.asp)



[https://www.w3schools.com/cssref/css\\_selectors.asp](https://www.w3schools.com/cssref/css_selectors.asp)