Programming Concepts
Week 5 **Pass** Submission Tasks Template

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Pass Task 4 HTML code page

Paste the HTML code of the web page here.

```html
                    w5P.html                                        w5P.js
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4     <meta charset="utf-8" />
5     <meta name="description" content="Pass level task" />
6     <meta name="keywords"    content="postcode, validation, javascript, js, html" />
7     <meta name="author"      content="Mario Stavreski" />
8     <title>Postcode validation</title>
9     <script src="w5P.js"></script>
10
11  </head>
12  <body>
13  <header>
14  </header>
15  <article>
16
17    <form>
18        <label> Postcode: <input type="text" id="postcode"/> </label>
19        <button type="button" id="check"> Submit </button>
20    </form>
21
22    <p id="msg"></p>
23
24  </article>
25  <footer><p>Produced by Mario Stavreski</p></footer>
26  </body>
27  </html>
28
```

Pass Task 4 JavaScript code

Paste the JavaScript code of the same page here.

```javascript
/* Filename: [w5C1].js
   Target html: [ w5C1.html]
   Purpose : [ This js file checks if postcode is valid]
   Author: Mario Stavreski
   Date written: 16/04/2020
   Revisions:  v.10
*/

function validatePCode (postcode) {
  var valid = true;
    if (postcode.length !=4) {
    valid = false;
    }
  else {
    if (isNaN(postcode)){
    valid = false;
    }
  }
  return valid;
}
```

```
22    function validateInput () {
23      var pCode = document.getElementById("postcode").value;
24      console.log(pCode);
25      var isPCodeValid = validatePCode(pCode);
26      console.log(isPCodeValid);
27      if (isPCodeValid == true) {
28        var validMsg = document.getElementById("msg");
29        validMsg.innerHTML = "Postcode is valid";
30        }
31      else {
32        if (isPCodeValid == false) {
33        var errorMsg = document.getElementById("msg");
34        errorMsg.innerHTML = "Postcode is invalid";
35        }
36      }
37    }
38
39    function init() {
40      var btn = document.getElementById("check");
41      btn.onclick = validateInput;
42    }
43
44    window.onload = init;
45
```

Pass Task 4 web page testing (all digits but less than 4 characters)

Paste the screen captures of your testing web page here.

Postcode: 555   Submit

Postcode is invalid

Produced by Mario Stavreski

Pass Task 4 web page testing (exactly 4 characters but not only digits)

Paste the screen captures of your testing web page here.

Postcode: A555   Submit

Postcode is invalid

Produced by Mario Stavreski

Pass Task 4 web page testing (less than 4 characters and not only digits)

Paste the screen captures of your testing web page here.

Postcode: A5A   Submit

Postcode is invalid

Produced by Mario Stavreski

Pass Task 4 web page testing (all digits and exactly 4 characters)

Paste the screen captures of your testing web page here.

Postcode: 3074   Submit

Postcode is valid

Produced by Mario Stavreski

Pass Task 13 web page screenshot

Paste the screen capture of your web page here.

Melbourne

The Most Popular Landmarks in Melbourne are:

Flinders Street, the main train station located in the CBD. It was built in 1905.

Chadstone shopping centre. It is the biggest shopping centre in Melbourne

Federation Square. The main square located accross Flinders Street Station

Sydney

The Most Popular Landmarks in Sydney are:

The Sydney Opera House. It was built in 1959.

Sydney Harbour Bridge. It was built in 1932 and it carries rail, vehicular, bicycle and pedestrian traffic

Bondi Beach. It is one of the most popular beaches in Australia with thousands of tourists every year.

Canberra

The Most Popular Landmarks in Canberra are:

Parliament House. It was built in 1988 and it is the meeting place of the Australian Parliament

The Australian War Memorial is Australia's national memorial to the members of its armed forces

The National Gallery of Australia. It was established in 1953.

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Pass Task 13 HTML code

Paste the HTML code here.

```
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4     <meta charset="utf-8" />
5     <meta name="description" content="CSS Flexbox" />
6     <meta name="keywords"    content="html, css, flexbox, australian cities" />
7     <meta name="author"      content="Mario Stavreski" />
8     <title>CSS Flexbox</title>
9       <link rel="stylesheet" type="text/css" href="W5P2.css">
10  </head>
11  <body>
12  <header>
13  </header>
14  <article class="flex-container">
15
16  <section class="flex-item">
17    <h1> Melbourne </h1>
18    <p> The Most Popular Landmarks in Melbourne are: </p>
19    <p> Flinders Street, the main train station located in the CBD. It was built in 1905. </p>
20    <p> Chadstone shopping centre. It is the biggest shopping centre in Melbourne </p>
21    <p> Federation Square. The main square located accross Flinders Street Station </p>
22  </section>
23
24  <section class="flex-item">
25    <h1> Sydney </h1>
26    <p> The Most Popular Landmarks in Sydney are: </p>
27    <p> The Sydney Opera House. It was built in 1959. </p>
28    <p> Sydney Harbour Bridge. It was built in 1932 and it carries rail, vehicular, bicycle and pedestrian traffic </p>
29    <p> Bondi Beach. It is one of the most popular beaches in Australia with thousands of tourists every year. </p>
30  </section>
31
32  <section class="flex-item">
33    <h1> Canberra </h1>
34    <p> The Most Popular Landmarks in Canberra are: </p>
35    <p> Parliament House. It was built in 1988 and it is the meeting place of the Australian Parliament </p>
36    <p> The Australian War Memorial is Australia's national memorial to the members of its armed forces </p>
37    <p> The National Gallery of Australia. It was established in 1953. </p>
38  </section>
39
40  </article>
41  <footer><p>Produced by Mario Stavreski</p></footer>
42  </body>
43  </html>
44
```

Pass Task 13 CSS code

Paste the CSS code here.

```
w5P2.html                                    w5P2.css
 1   .flex-container {
 2     width: 50%;
 3     display: flex;
 4     -webkit-flex-direction: column; /_ Safari _/
 5     flex-direction: column;
 6     background-color: red;
 7     display: -webkit-flex; /_ Safari _/
 8   }
 9
10   .flex-item {
11     background-color: royalblue;
12     margin: 10px;
13   }
14
```