```
1
     <?php
 2
 3
     2>
 4
     <html>
 5
         <head>
 6
             <title>Postcode Finder</title>
 7
             <link rel="stylesheet"</pre>
                 href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-alpha.6/css/bootstra
                 p.min.css"
                 integrity="sha384-rwoIResjU2yc3z8GV/NPeZWAv56rSmL1dC3R/AZzGRnGxQQKnKkoFVhF
                 QhNUwEyJ" crossorigin="anonymous">
         </head>
 8
9
         <body>
10
             <div class="container text-center" id="main">
11
                 <h1>Postcode Finder</h1>
12
                 Enter a partial address to obtain the postcode number
13
                 <form>
14
                    <div class="form-group">
15
                      <input type="text" class="form-control" id="address"</pre>
                          placeholder="Enter Partial Address">
16
17
                    <button class="btn btn-primary" id="findPC">Submit</button>
18
                 </form>
19
             </div>
20
             <div id="postcode" class="container text-center">
21
22
             </div>
23
             <script src="https://code.jquery.com/jquery-3.1.1.slim.min.js"</pre>
                 integrity="sha384-A7FZj7v+d/sdmMqp/nOQwliLvUsJfDHW+k9Omg/a/EheAdgtzNs3hpfa
                 g6Ed950n" crossorigin="anonymous"></script>
2.4
             <script
                 src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></s</pre>
                 cript>
2.5
             <script src="https://npmcdn.com/tether@1.2.4/dist/js/tether.min.js"></script>
26
             <script
                 src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-alpha.6/js/bootstrap.
                 min.js"
                 integrity="sha384-vBWWz1ZJ8ea9aCX4pEW3rVHjgjt7zpkNpZk+02D9phzyeVkE+jo0ieGi
                 zqPLForn" crossorigin="anonymous"></script>
27
             <script type="text/javascript">
28
                 var position = {};
29
                 $("#findPC").click(function(e)
30
31
                      e.preventDefault();
32
                      $.ajax(
33
34
                          url:
                              "https://maps.googleapis.com/maps/api/geocode/json?address="+e
                              ncodeURIComponent($("#address").val())+"&key=AIzaSyCZuL29iBFoA
                              F6Hhd NYD-fdsJFSZ1a3Xw",
                          type: "GET",
35
36
                          success: function (data)
37
                          {
38
                              if(data["status"]!="OK")
39
40
                                  $("#postcode").html(
                                   '<div class="alert alert-warning" role="alert">'
41
42
                                      +'Could not find the address you entered'+
43
                                  '</div>');
44
                              }
45
                              else
46
47
                                  //loop through the returning json array with "each",
48
                                  //then use the array (function). Key is the index,
49
                                  //while value is the value of the item at that index
50
                                  $.each(data["results"][0]["address components"],
                                       function(key, value)
51
                                  {
52
                                       if(value["types"][0] == "postal code")
53
                                           $("#postcode").html(
54
55
                                           '<div class="alert alert-success" role="alert">'+
```