SPRNT 1
PROJECT DELIVERABLE (Code & Test)

Team ID	PNT2022TMID28413
Project Name	Efficient Water Quality Analysis & Prediction using Machine Learning

```html
1   <!doctype html>
2   <html>
3   <head>
4
5   <title>  Water Quality </title>
6   <!-- BootStrap -->
7           <link href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css"
8           rel="stylesheet"
9           integrity="sha256-MfvZlkHCEqatNoGiOXveE8FIwMzZg4W85qfrfIFBfYc= sha512-dTfge/zgoMYpP7QbHy4gWMEGsbsdZeCXz7irItjcC3sPUFtf0kuFbDz/ixG7ArTxmDjLXDmezHubeNikyKGVyQ=="
10          crossorigin="anonymous">
11  <style>
12  input{
13      text-align: center;
14      width: 20%;
15      height: 70px;
16      font-size: 14px;
17      padding-top:0px ;
18  }
19  .thick {
20
21
22    text-decoration-style: solid;
23    text-decoration-color: red;
24    text-decoration-thickness: 2px;
25  }
26  </style>
27  </head>
28
29  <body  style="background-color: #ff6666;">
30
31
32  <div class="login">
33
34  <form action="{{ url_for('predict')}}"method="post">
35
36
37  <center>
38  <b>
39  <h1 style="font-size:60px;" class = thick id="heading">WATER QUALITY PREDICTION</h1><br><br><br>
40
41  </b>
42  </center>
43
44
45  <center>
46    <h3 style="color:black;">Enter  values</h3>
```

```html
46    <h3 style="color: black;">Enter values</h3>
47    <br>
48  <div id="bodycontent">
49
50  <label>
51  pH value :   <input type="text" name="ph" placeholder="pH value" style="background-color: #DCDCDC; height:40px" required="required" />
52  Hardness :    <input type="text" name="Hardness" placeholder="Hardness"  style="background-color: #DCDCDC;  height:40px"required="required" />
53  Solids :  <input type="text" name="Solids" placeholder="Solids"  style="background-color: #DCDCDC; height:40px"required="required" /><br><br><br><br><br>
54  Chloramines :   <input type="text" name="Chloramines" placeholder="Chloramines"  style="background-color: #DCDCDC; height:40px"required="required" />
55  Sulfate :    <input type="text" name="Sulfate" placeholder="Sulfate" style="background-color: #DCDCDC; height:40px" required="required" />
56  Conductivity :     <input type="text" name="Conductivity" placeholder="Conductivity"  style="background-color: #DCDCDC; height:40px" required="required" /><br><br><br><br><br>
57  Organic_carbon :  <input type="text" name="Organic_carbon" placeholder="Organic_carbon" style="background-color: #DCDCDC; height:40px" required="required" />
58  Trihalomethanes :<input type="text" name="Trihalomethanes" placeholder="Trihalomethanes" style="background-color: #DCDCDC; height:40px"  required="required" />
59  Turbidity :   <input type="text" name="Turbidity" placeholder="Turbidity" style="background-color: #DCDCDC; height:40px"  required="required" /><br><br><br>
60  <div class="button_cont" ><a class="button_css"  target="_blank" rel="nofollow noopener">
61  <button type="submit" class="btn btn-primary btn-block btn-large"><strong>Water quality Test</strong></button></a>
62  </center>
63  </label>
64  </div>
65  </form>
66  <center>
67
68    </center>
69    </div>
70    <footer>
71     <center>
72     <p>
73      <br>
74    for any queries contact
75     <br>
76       <h3>Phone: 9542374021</h3></p></center>
77    </footer>
78
79  </body>
80  </html>
81
```

OUTPUT

WATER QUALITY PREDICTION

Enter values

pH value : [pH value]	**Hardness :** [Hardness]	**Solids :** [Solids]

Chloramines : [Chloramines]	**Sulfate :** [Sulfate]	**Conductivity :** [Conductivity]

Organic_carbon : [Organic_carbon]	**Trihalomethanes :** [Trihalomethanes]	**Turbidity :** [Turbidity]

Water quality Test

for any queries contact

Phone: 9542374021