Assignment -1

Assignment Date	19 September 2022
Student Name	Ms. Nanthinee. N
Student Roll Number	211519205102
Maximum Marks	2 Marks

Question-1:

Create form of type input text, emails, password, radio button text area, drop down and navigate to success page and display file of form in table (CSS, HTML).

Solution:

```
<html>
<head>
 <title>Form</title>
 <script type="text/javascript">
 function displayDetails()
 {
 var name = document.getElementById("name").value;
 var email = document.getElementById("email").value;
 var gender = document.getElementById("gender").value;
 var year = document.getElementById("year").value;
 var pl = document.getElementById("pl").value;
 document.writeln("<html><body>");
 document.writeln("<table border='1'><tr>");

document.writeln("<th>Name</th><th>Email</th><th>Gender</th><th>Progr
ammingLanguage</th><th>Year</th>");
 document.writeln("</tr>");
```

```
document.writeln("<tr><td>"+name+"</td><td>"+email+"</td><td>"+gender+
"</td><td>"+pl+"</td><td>"+year+"</td>");

 document.writeln("</tr></table>");

 document.writeln("</body></html>");

 }

 </script>

 </head>

 <body>

 <form method="post" onsubmit="displayDetails()">

  <label for="name">Name:</label>

    <input type="text" id="name" name="name" placeholder="Enter
name"/><br/><br/>

  <label for="email">Email:</label>

    <input type="email" id="email" name="email" placeholder="Enter
email"/><br/><br/>

  <label for="pwd">Password:</label>

    <input type="password" id="pwd" name="pwd" placeholder="Enter
password"/><br/><br/>

  <label for="address">Address:</label>

     <textarea id="address" name="address" rows="4"
cols="50"></textarea><br/><br/>

  <label for="gender">Gender: </label>

     <input type="radio" id="gender" name="gender"
value="male">Male</input>

     <input type="radio" id="gender" name="gender"
value="female">Female</input><br/><br/>

  <label for="pl">Programming languages: </label>

     <input type="checkbox" id="pl" name="pl" value="java">Java</input>

          <input type="checkbox" id="pl" name="pl" value="c">C</input>
```

```
        <input type="checkbox" id="pl" name="pl"
value="python">Python</input>
        <input type="checkbox" id="pl" name="pl"
value="c++">C++</input><br/><br/>
  <label for="year">Year:</label>
    <select name="year" id="year">
          <option value="first">I</option>
          <option value="first">II</option>
          <option value="first">III</option>
          <option value="first">IV</option>
        </select><br/><br/>
   <label for="submit">Submit:</label>
    <input type="submit" value="submit"/><br/><br/>
</form>
</body></html>
```

Output:

Name: Enter name

Email: Enter email

Password: Enter password

Address:

Gender: Male Female

Programming languages: Java C Python C++

Year: I

Submit: submit

Question-2

For CSS create external style sheet for above task(sepaarte css file and link that in html).

Solution:

Style.css

```
body {
  background-color:yellow;
  border-style: solid;
}
table, th, td {
  border:2px solid;
}
```

Output:

Question-3

Create sample program for Flask HTTP methods (list or map and perform operations of PUT, GET, DELETE and POST).

Solution:

```
from flask import Flask,request,json


app=Flask(__name__)


colors={"1":"yellow", "2":"Orange" , "3":"pink" , "4":"Green" , "5":"violet", "6":"white" ,"7":"brown"}


@app.route('/data' ,methods=['GET','POST'])
def api():
    if request.method=='GET':
        return colors
    if request.method=='POST':
        data=request.json
        colors.update(data)
        return 'data got inserted'


@app.route("/data/<id>",methods=['PUT'])
def update(id):
    data=request.form['items']
    colors[str(id)]=data
    return 'data updated'


@app.route("/data/<id>",methods=["DELETE"])
def deleteoperation(id):
```

```
    colors.pop(str(id))
    return 'data deleted'

if__name__=='__main__':
   app.run(debug=True)
```