Assignment -1

Assignment Date	19 September 2022
Student Name	Ms.Devipriya.K
Student Roll Number	211519205036
Maximum Marks	2 Marks

Question-1:

Create form of type input text, email, password, radio button, text area, drop down and navigate to successor page and display files 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>Program
mingLanguage</th><th>Year</th>");
 document.writeln("</tr>");

document.writeln("<tr><td>"+name+"</td><td>"+email+"</td><td>"+gender+"</t
d><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 the CSS create external style sheet for above task (separate css file and link that in 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>ProgrammingL
anguage</th><th>Year</th>");
 document.writeln("</tr>");
document.writeln("<tr><td>"+name+"</td><td>"+email+"</td><td>"+gender+"</td><t
d>"+pl+"</td><td>"+year+"</td>");
 document.writeln("</tr></table>");
 document.writeln("</body></html>"); }
 </script>
 <link rel="stylesheet" href="style.css" type="text/css" /></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>
```

style.css

```
body {
 background-color:pink;
 border-style: solid;}
table, th, td {
 border:1px 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__)
cars={"1":"Lamborghini", "2":"Ferrari" , "3":"Porsche" , "4":"Landrover" , "5":"Bugatti",
"6":"Mercedes" ,"7":"Rolls-Royce" , "8":"BMW"}
@app.route('/data' ,methods=['GET','POST'])
def api():
   if request.method=='GET':
      return cars
   if request.method=='POST':
      data=request.json
      cars.update(data)
      return 'data got inserted'
@app.route("/data/<id>",methods=['PUT'])
def update(id):
   data=request.form['items']
   cars[str(id)]=data
   return 'data updated'
@app.route("/data/<id>",methods=["DELETE"])
def deleteoperation(id):
   cars.pop(str(id))
   return 'data deleted'
if__name__=='__main__':
  app.run(debug=True)
```

Output: