Assignment -2

Assignment Date	24 September 2022
Student Name	S.TEJESWINI
Student Roll Number	211519104170
Maximum Marks	2 Marks
Team Name	DareDevils
Team ID	PNT2022TMID25938

Question-1:

1. Create form of type input, text, email, password, radio button, textarea, drop down and navigate to success page and display files of form in table.

Solution:

```html
<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>ProgrammingLanguage</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="gender">Gender: </label>
```

```html
    <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="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="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="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="submit">Submit:</label>
   <input type="submit" value="submit"/><br/><br/>
</form>
</body>
</html>
```

OUTPUT:

Name	Email	Gender	ProgrammingLanguage	Year
prasanth	prasanth04@gmail.com	male	java	first

Question-2:

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

SOLUTION:

Q2.html file

```html
<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>ProgrammingLanguage</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>
<link rel="stylesheet" href="Q2.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="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="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="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="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="submit">Submit:</label>
      <input type="submit" value="submit"/><br/><br/>
</form>
</body>
</html>
```

Q2.css file

```
body {
  background-color:Purple;
  border-style: double;
}
table, th, td {
  border:1px solid;
}
```

OUTPUT:

Name	Email	Gender	ProgrammingLanguage	Year
Raj	Raj04@gmail.com	male	java	first

Question 3:

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

SOLUTION:

```python
from flask import Flask,request,json

app=Flask(__name__)

fruits={"1":"cat", "2":"dog" , "3":"fish" , "4":"lovebird" , "5":"cow", "6":"rat" ,"7":"hamster"}

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

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

@app.route("/data/<id>",methods=["DELETE"])
def deleteoperation(id):
   fruits.pop(str(id))
   return 'data deleted'

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