ASSIGNMENT 1

Assignment Date	28 th September 2022
Student name	Gitanjali.S
Student Roll Number	211519106043
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:

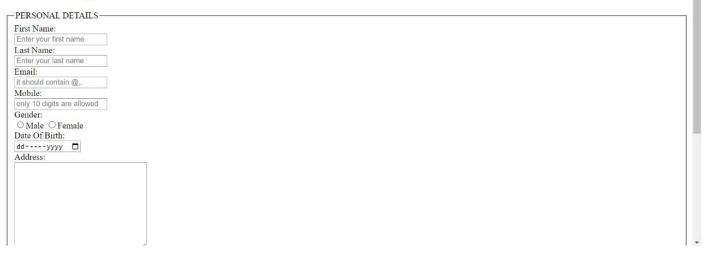
```
<!DOCTYPE html>
 <html lang="en-us">
 <head>
   <meta charset="UTF-8">
   <title>Registaration Form</title>
   <link rel="stylesheet" href="style1.css">
   <script type="text/javascript" lang="javascript" src="./responsiveRegistaration.js"></script>
 </head>
   <body>
   <form>
   <h1>Student Registration Form</h1>
   <fieldset>
   <legend>PERSONAL DETAILS</legend>
   <div>
   <div class="container">
      <div class="row">
        <div class="col-10">
          <label for="fname">First Name:</label>
        </div>
        <div class="col-90">
          <input type="text" id="fname" name="firstname" placeholder="Enter your first name">
        </div>
      </div>
      <div class="row">
        <div class="col-10">
          <label for="Iname">Last Name:</label>
        </div>
        <div class="col-90">
          <input type="text" id="Iname" name="lastname" placeholder="Enter your last name">
        </div>
      </div>
      <div class="row">
        <div class="col-10">
          <label for="email">Email:</label>
        </div>
        <div class="col-90">
          <input type="email" id="email" name="email" placeholder="it should contain @,.">
        </div>
      </div>
      <div class="row">
```

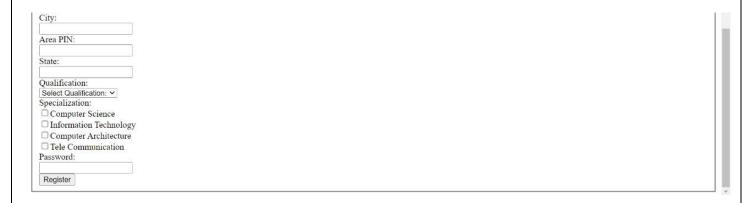
```
<div class="col-10">
    <label for="mobile">Mobile:</label>
  </div>
  <div class="col-90">
    <input type="tel" id="mobile" name="mobile" placeholder="only 10 digits are allowed">
  </div>
</div>
<div class="row">
  <div class="col-10">
    <label for="gender" required>Gender:</label>
  </div>
  <div class="col-90">
    <input type="radio" id="male" name="gender" value="male"/>Male
    <input type="radio" id="female" name="gender" value="female"/>Female
  </div>
</div>
<div class="row">
  <div class="col-10">
    <label for="dob">Date Of Birth:</label>
  </div>
  <div class="col-90">
    <input type="Date" id="dob" name="dob">
  </div>
</div>
<div class="row">
  <div class="col-10">
    <label for="address">Address:</label>
  </div>
  <div class="col-90">
    <textarea name="address" id="address" cols="30" rows="10"></textarea>
  </div>
</div>
<div class="row">
  <div class="col-10">
    <label for="city">City:</label>
  </div>
  <div class="col-90">
    <input type="text" id="city" name="city" maxlength="10">
  </div>
</div>
<div class="row">
  <div class="col-10">
    <label for="pincode">Area PIN:</label>
  </div>
  <div class="col-90">
    <input type="number" id="pin" name="pin" maxlength="6">
  </div>
</div>
<div class="row">
  <div class="col-10">
    <label for="state">State:</label>
  </div>
  <div class="col-90">
    <input type="text" id="state" name="state">
  </div>
</div>
<div class="row">
```

```
<div class="col-10">
          <label for="qualification" required >Qualification:</label>
        </div>
        <div class="col-90">
          <select name="qualification" id="qualification">
            <option value=" ">Select Qualification:</option>
            <option value="Graduation">Graduation
            <option value="BTech.">BTech.
            <option value="MTech.">MTech.
            <option value="MCA">MCA</option>
            <option value="BCA">BCA</option>
          </select>
        </div>
      </div>
      <div class="row">
        <div class="col-10">
          <label for="specialization">Specialization:</label>
        </div>
        <div class="col-90">
          <input type="checkbox" class="specialization" id="cs" name="specialization[]" value="Computer"
Science">Computer Science<br/>
          <input type="checkbox" class="specialization" id="it" name="specialization[]" value="Information"</pre>
Technology">Information Technology<br/>
          <input type="checkbox" class="specialization" id="ca" name="specialization[]" value="Computer</pre>
Architecture">Computer Architecture<br/>
          <input type="checkbox" class="specialization" id="tc" name="specialization[]" value="Tele</pre>
Communication">Tele Communication<br/>
        </div>
      </div>
      <div class="row">
        <div class="col-10">
          <label for="password">Password:</label>
        </div>
        <div class="col-90">
          <input type="password" id="password" name="password" maxlength="8">
        </div>
      </div>
      <div class="row">
        <input type="submit" value="Register" onclick="SaveStudentDetails()">
      </div>
    </div>
    </fieldset>
</form>
</body>
</html>
```

OUTPUT:

Student Registration Form





Question-2:

For the CSS create external style sheet for above task (separate CSS file and link that in html)

Solution:

```
*{box-sizing: border-box;
}
input[type=text], input[type=email], input[type=number], input[type=select],
input[type=date],input[type=select],input[type=password], input[type=tel]
{
    width: 45%;
    padding: 12px;
    border: 1px solid rgb(168, 166, 166);
    border-radius: 4px;
    resize: vertical;
}
textarea{
    width: 45%;
    padding: 12px;
    border: 1px solid rgb(168, 166, 166);
```

```
border-radius: 4px;
  resize: vertical;
}
input[type=radio],input[type=checkbox]{
  width: 1%;
  padding-left: 0%;
  border: 1px solid rgb(168, 166, 166);
  border-radius: 4px;
  resize: vertical;
}
h1{
  font-family: Arial;
  font-size: x-large;
  font-style: normal;
  font-weight: bold;
  color: black;
  text-align: center;
  text-decoration: underline;
}
label{
  padding: 12px 12px 12px 0;
  display: inline-block;
}
input[type=submit] {
  background-color: #4CAF50;
  color: white;
  padding: 12px 20px;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  float:left;
}
input[type=submit]:hover {
background-color: #32a336;
}
.container{
  border-radius: 5px;
  background-color:#f2f2f2;
  padding: 20px;
}
.col-10{
  float: left;
  width:10%;
  margin-top: 6px;
}
.col-90{
  float: left;
  width: 90%;
  margin-top: 6px;
}
.row:after{
  content: "";
  display: table;
  clear: both;
}
@media screen and (max-width: 600px) {
  .col-10,.col-90,input[type=submit]{
```



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:

from flask import Flask,request,ison app=Flasks__name___ cars="1"."Lamborghimi", "?"."Ferrari", "3"."Porsche", "4"."Landrovee", "5"."Bugatti", "6"."Mercedees", "7"."Rolls-Royce", "8"."BMW") @app_route('idata'_methods= ['GET, POST']) def api(): if request_method=='GET: return cars if request_method=='POST: data=request_form['items'] cars[str/(id)]=data return 'data updated' @app_route("idata",methods=['PUT]) def update(id): data=request_form['items'] cars[str/(id)]=data return 'data updated' @app_route("idata",methods=['PUT]) def update(id): data=request_form['items'] data updated @app_route("idata",methods=['PUT]) def updated @app_route("idata"