Assignment Date	27th September 2022
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Student Roll Number	422319104046
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>Progra
m 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
```

```html
for="address">Address:</label>
<textarea id=" add ress" name-"add ress" rows-"4"
cols-"50"></textarea><br/><br/>
<label for="ge nder">Gender: </label>
  <in put type-"radio™ id-"gender" name-"ge nder" value-"male">Male</input>

        type="rad io" id="gender" name="gender"
val ue="temale">Female</i
<la bel for=" pl">  Programmi ng languages: </la bel>
        type="checkbox' id="pl" name=" pl" value="java">Java</input>
          put type="checkbox" id=" pl" name=" pl"
        value="c">C</in put>
        <input type="checkbox" id="pl" name="pl"
value="python              put>
        <in put type-"checkbox" id-"pl" name-" pl"
value="c++">C++</input><br/><br/>
<la bel for="year">Year:</l abel >
<select name="year" id="year">
        <option  value="first">I</option>
        <option  value="first">II</option>

        <option value="first">IV</options>

<la bel for="subm it">Submit:</label>
  <in              value-"submit"/><br/><br/></form></body>
</html>
```

OUTPUT:

_____
_____

_____

Address:

Question-2:

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

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>Programming
Language</th><th>Year</th>");
document.writeln("</tr>");
document.writeln("<tr><td>"+name+"</td><td>"+email+"</td><td>"+gender+"</td><
td>"+pI+"</td><td>"+year+"</td>");
document.writeln("</tr></table>");
document.writeln("</body><fhtml>"); }
</script>
<link rel="stylesheet" href="style.css" type="text/css" /></head>
<body>
<form method="post" onsubmit="dispIayDetails()">
<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</options>
         <opfion value="first">IV</opfion></select><br/><br/>
```

```html
<Iabel for="submit">Submit:</Iabel>
  <input type="submit" value="submit"/><br/><br/></form><fbody></htmI>
```

style.css
```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)

```python
from flask import Flask,request,json
app=Flask(enamel)
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 deIeteoperation(id):
 cars.pop(str(id))
return 'data deleted'
if  name  ==' main
app.run(debug=True)
```

Output:

```python
from flask import Flask, request, json
app = Flask(__name__)
cars = {"1":"Lamborghini", "2":"Ferrari", "3":"Porsche", "4":"Lambor... ", "5":"Bugatti", "6":"Mercedes", "7":"Rolls-Royce", "8":"BMW"}
@app.route('/cars', methods=['GET','POST'])
def api():
    if request.method=='GET':
        return cars
    if request.method=='POST':
        data=request.json
        cars.update(data)
        return 'data inserted'
@app.route('/cars', methods=['PUT'])
def update():
    data=request.json
    {data}
    cars.update(data)
    return 'data updated'
@app.route('/cars', methods=['DELETE'])
def delete(operation id):
    cars.pop(id)
    return 'data deleted'
if __name__ == '__main__':
    app.run(debug=True)
```