

Assignment - 2

Assignment Date	24 September 2022
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Student Roll Number	211519104049
Maximum Marks	2 Marks
Team Name	CODEBRICKS
Team ID	PNT2022TMID25850

Question-1:

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

Solution:

```
<html>
<head>
<title>Registration Form</title>
<script type="text/javascript">
function display()
{
    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 co = document.getElementById("co").value;
    var batch = document.getElementById("batch").value;
    document.writeln("<html><body>");
    document.writeln("<table border='1'><tr>");
    document.writeln("<th>Name</th><th>Email</th><th>Gender</th><th>Courses  
Offered</th><th>Batch</th><th>Year</th>");
    document.writeln("</tr>");
    document.writeln("<tr><td>" + name + "</td><td>" + email + "</td><td>" + gender + "</td><td>  
" + co + "</td><td>" + batch + "</td><td>" + year + "</td>");
    document.writeln("</tr></table>");
    document.writeln("</body></html>");
}
</script>
</head>
<body>
<center><br/>
<h1><b>Registration Form</b></h1><br/>
<form method="post" onsubmit="display()">
<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">Courses Offered: </label><br/>
  <input type="checkbox" id="co" name="co" value="matlab">Matlab</input><br/>
    <input type="checkbox" id="co" name="co" value="nodejs">NodeJS</input><br/>
    <input type="checkbox" id="co" name="co" value="python">Python</input><br/>
    <input type="checkbox" id="co" name="co" value="ui/ux">UI/UX</input><br/><br/>
<label for="year">Year:</label>
  <select name="year" id="year">
    <option value="first">I</option>
    <option value="second">II</option>
    <option value="third">III</option>
    <option value="fourth">IV</option>
  </select><br/><br/>
<label for="batch">Preferred Batch:</label>
  <select name="batch" id="batch">
    <option value="sep">September</option>
    <option value="oct">October</option>
    <option value="nov">November</option>
  </select><br/><br/>
  <input type="submit" value="SUBMIT"/><br/><br/>
</form>
</center>
</body>
</html>
```

Output:

Registration Form

C:/Users/Abinaya/Desktop/Daredevils/Personal/Q1.html

Registration Form

Name:

Email:

Password:

Address:

Gender: ☐ Male ☐ Female

Courses Offered:
☐ Matlab
☐ NodeJS
☐ Python
☐ UI/UX

Year:

Preferred Batch:

Q1.html

C:/Users/Abinaya/Desktop/Daredevils/Personal/Q1.html

Name	Email	Gender	Courses Offered	Batch	Year
ABC	abc@gmail.com	male	matlab	sep	first

Question-2:

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

Solution:

```
<html>
<head>
<link rel="stylesheet" href="Q2stylesheet.css" type="text/css" />
<title>Registration Form</title>
<script type="text/javascript">
function display()
{
    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 co = document.getElementById("co").value;
    var batch = document.getElementById("batch").value;
    document.writeln("<html><body>");
    document.writeln("<table border='1'><tr>");
    document.writeln("<th>Name</th><th>Email</th><th>Gender</th><th>Courses
Offered</th><th>Batch</th><th>Year</th>");
    document.writeln("</tr>");
    document.writeln("<tr><td>" + name + "</td><td>" + email + "</td><td>" + gender + "</td><td>" + co + "
</td><td>" + batch + "</td><td>" + year + "</td>");
    document.writeln("</tr></table>");
    document.writeln("</body></html>");
}
</script>
</head>

<body>
<center><br/>
<h1><b>Registration Form</b></h1><br/>
<form method="post" onsubmit="display()">
<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">Courses Offered: </label><br/>
<input type="checkbox" id="co" name="co" value="matlab">Matlab</input><br/>
  <input type="checkbox" id="co" name="co" value="nodejs">NodeJS</input><br/>
  <input type="checkbox" id="co" name="co" value="python">Python</input><br/>
  <input type="checkbox" id="co" name="co" value="ui/ux">UI/UX</input><br/><br/>
<label for="year">Year:</label>
<select name="year" id="year">
  <option value="first">I</option>
  <option value="second">II</option>
  <option value="third">III</option>
  <option value="fourth">IV</option>
</select><br/><br/>
<label for="batch">Preferred Batch:</label>
<select name="batch" id="batch">
  <option value="sep">September</option>
  <option value="oct">October</option>
  <option value="nov">November</option>
</select><br/><br/>
<input type="submit" value="SUBMIT"/><br/><br/>
</form>
</center>
</body>
</html>

```

Output:

The screenshot shows a web browser window with a single tab titled "Registration Form". The address bar shows the file path "C:\Users\Abinaya\Desktop\Daredevils\Personal\Q2(1).html". The form itself is centered on a light purple background and is titled "Registration Form" in a large, bold, black serif font. Below the title, the form contains several input fields: "Name: Enter name", "Email: Enter email", "Password: Enter password", and "Address:". Below the address field is a "Gender:" section with two radio buttons labeled "Male" and "Female". This is followed by a "Courses Offered:" section with four checkboxes labeled "Matlab", "NodeJS", "Python", and "UI/UX". Below that is a "Year:" dropdown menu showing "I". The "Preferred Batch:" dropdown menu shows "September". At the bottom of the form is a "SUBMIT" button.

Question 3:

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__)
```

```
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)
```