

Assignment -1

Assignment Date	20 September 2022
Student Name	SWETHA.S
Student Roll Number	211519104166
Maximum Marks	2 Marks
Team Name	DareDevils

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>
<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>
```

```
<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:

New Tab x Q1-Kavya.K.html x Form x +

File | F:/Downloads/swetha.html

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Name:

Gender: ☒ Male ☐ Female

Email:

Password:

Address:

Year:

Programming languages: ☒ Java ☐ C ☐ Python ☐ C++

Submit:

Windows taskbar: 23:13 26-09-2023

New Tab x Q1-Kavya.K.html x swetha.html x +

File | F:/Downloads/swetha.html

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Name	Email	Gender	ProgrammingLanguage	Year
Ben	ben456@gmail.com	male	java	first

Windows taskbar: 23:15 26-09-2023

Question-2:

2. For 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>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="swetha2.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>
```

swetha2.css:

```
body {
  background-color:lightpink;
  border-style: solid;
}
table, th, td {
  border:2px solid;
}
```

OUTPUT:

New Tab x Q1-Kavya.K.html x swetha.html x Form x

File | F:/Downloads/swetha1.html

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Name: Ben

Gender: ☒ Male ☐ Female

Email: ben456@gmail.com

Password: [REDACTED]

Address: 4, Nehru street, Anna nagar, Chennai-32

Year: 1

Programming languages: ☒ Java ☐ C ☐ Python ☐ C++

Submit: submit

Windows taskbar: 23:19 26-09-2022

New Tab x Q1-Kavya.K.html x swetha.html x swetha1.html x

File | F:/Downloads/swetha1.html

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Name	Email	Gender	ProgrammingLanguage	Year
Ben	ben456@gmail.com	male	java	first

Windows taskbar: 23:20 26-09-2022

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)
```