

### Assignment -1

Assignment Date	19 September 2022
Student Name	R.SRI ISHWARYA
Student Roll Number	211519205155
Maximum Marks	2 Marks

#### 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:

<!--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. -->

```
<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="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>

```

## OUTPUT:

Name:   
 Email:   
 Password:   
 Address:   
 Gender: ☐ Male ☒ Female  
 Programming languages: ☒ Java ☐ C ☒ Python ☐ C++  
 Year:   
 Submit:

Name	Email	Gender	ProgrammingLanguage	Year
ishu	ishwaryarajendran24@gmail.com	male	java	first

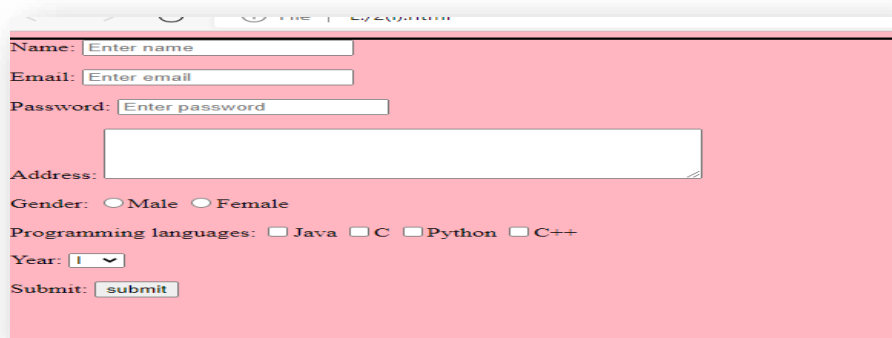
### Question-2:

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

SOLUTION:

```
body{
  background-color:lightpink;
  border-style: solid;
}
table, th, td {
  border:10px solid black;
  padding:8px;
  text-align:center;
  vertical-align:middle;
}
```

OUTPUT:



The screenshot shows a web form with a light pink background and a black border. The form contains the following elements:

- Name:
- Email:
- Password:
- Address:
- Gender: ☐ Male ☐ Female
- Programming languages: ☐ Java ☐ C ☐ Python ☐ C++
- Year:
- Submit:

### 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)
```