Assignment -1

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

Question-1:

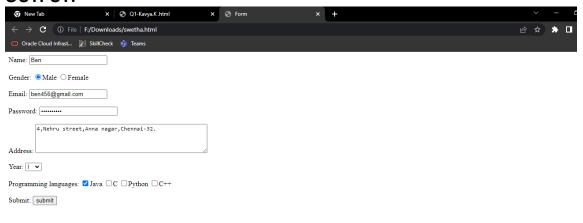
1. Create form of type input, text, email, password, radio button, textarea, drop down and navigate to success page and display files of form in table.

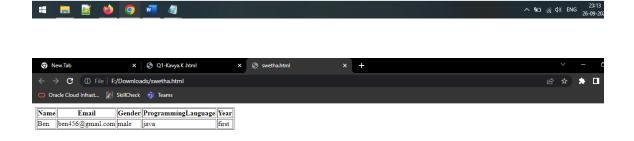
Solution:

```
<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("");
document.writeln("NameEmailGenderProgrammingLangua
geYear");
document.writeln("");
document.writeln(""+name+""+email+""+gender+""+pl
+""+year+"");
document.writeln("");
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/>
<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/>
<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/>
<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/>
<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/>
</form>
</body>
</html>
```

OUTPUT:







Question-2:

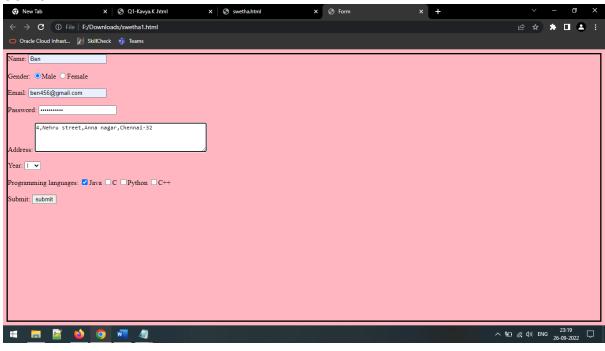
2. For CSS create external style sheet for above task(separate css file and link that in html).

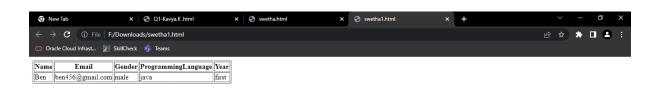
```
SOLUTION:
```

```
<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("");
document.writeln("NameEmailGenderProgrammingLanguage</th
>Year");
document.writeln("");
document.writeln(""+name+""+email+""+gender+""+pl+"
>"+year+"");
document.writeln("");
document.writeln("</body></html>");
</script>
k 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/><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/>><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/>
</form>
</body>
</html>
swetha2.css:
body {
background-color:lightpink;
border-style: solid;
table, th, td {
border:2px solid;
}
```

OUTPUT:







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)
```