

IBM – NALAIYA THIRAN PROJECT

ASSIGNMENT – 2

Problem:

- 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 (CSS, HTML).

Code:

Ass2.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="style.css">
  <title>Document</title>
</head>
<body>
  <form method="POST" action="#">
    <center>
      <table border="2">
        <!-- <tr>
          <td colspan="5" style="text-align:center; color: red; background-color:
#F7f684;"><b><center>USER FORM</center></b></td>
        </tr> -->
      <tr>
```

```

<td style="padding-left:20px"; width="250px">Enter Full name</td>
<td width="500px"><input type:"text" name="Name" size="65"></td>
</tr>
<tr>
    <td style="padding-left:20px"; width="250px">Enter Qualification</td>
    <td width="500px"><input type:"password" name="pwd"
size="65"></td>
</tr>
<tr>
    <td style="padding-left:20px"; width="250px">Enter email</td>
    <td width="500px"><input type:"text" name="Name" size="65"></td>
</tr>
<tr>
    <td style="padding-left:20px"; width="250px">Enter password</td>
    <td width="500px"><input type:"password" name="pwd"
size="65"></td>
</tr>
<tr>
    <td style="padding-left:20px"; width="250px";>Enter Address</td>
    <td><textarea name="address" rows="4" cols="60"></textarea></td>
</tr>
<tr>
    <td style="padding-left:20px";>Select Game</td>
    <td><input type="checkbox" name="game">Hockey<br>
<input type="checkbox" name="game">Football<br>
<input type="checkbox" name="game">Badminton<br>
<input type="checkbox" name="game">Cricket<br>
<input type="checkbox" name="game">Volley ball

```

```
</td>
</tr>
<tr>
  <td style="padding-left:20px";>Gender</td>
  <td><input type="radio" name="age">Male
    <input type="radio" name="age">Female
  </td>
</tr>
<tr>
  <td style="padding-left:20px";>select ur age</td>
  <td><select name="age">
    <option value="select">15</option>
    <option value="number">16</option>
    <option value="number">17</option>
    <option value="number">18</option>
    <option value="number">19</option>
    <option value="number">20</option>
  </select>
  </td>
</tr>
</table>
</center>
</form>
</body>
</html>
```

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

Style.css:

```
input,textarea,select,button{
    background-color:lightgreen;
}
tr{
    background-color: #2fbaeb;
}
table{
    margin-top:50px;
}
button{
height: 40px;
width: 240px;
font-family: Arial;
font-size: 16px;
```

Output:

Enter Full name	<input type="text"/>
Enter Qualification	<input type="text"/>
Enter email	<input type="text"/>
Enter password	<input type="password"/>
Enter Address	<input type="text"/>
Select Game	<input type="checkbox"/> Hockey <input type="checkbox"/> Football <input type="checkbox"/> Badminton <input type="checkbox"/> Cricket <input type="checkbox"/> Volley ball
Gender	<input type="radio"/> Male <input type="radio"/> Female
select ur age	15 ▼

3) Create sample program for Flask HTTP methods (list or map and Perform operations of PUT, GET, DELETE and POST).

POST:

Login.html:

```
<html>
  <body>
    <form action = "http://localhost:5000/login" method = "post">
      <table>
        <tr><td>Name</td>
        <td><input type = "text" name = "uname"></td></tr>
        <tr><td>Password</td>
        <td><input type = "password" name = "pass"></td></tr>
        <tr><td><input type = "submit"></td></tr>
      </table>
    </form>
  </body>
</html>
```

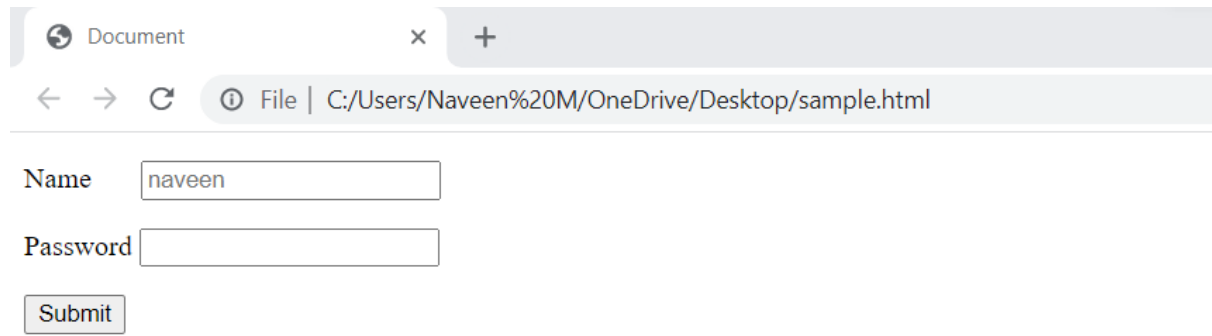
Post example.py:

```
from flask import *
app = Flask(__name__)

@app.route('/login',methods = ['POST'])
def login():
    uname=request.form['uname']
    passwrđ=request.form['pass']
    if uname=="ayush" and passwrđ=="google":
        return "Welcome %s" %uname
```

```
if __name__ == '__main__':  
    app.run(debug = True)
```

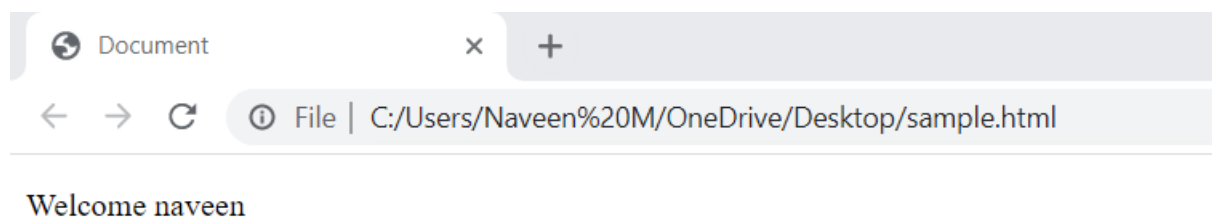
Output:



A screenshot of a web browser window. The address bar shows the file path C:/Users/Naveen%20M/OneDrive/Desktop/sample.html. The page contains a form with two input fields: 'Name' with the value 'naveen' and 'Password' which is empty. Below the fields is a 'Submit' button.

Name

Password



A screenshot of a web browser window. The address bar shows the file path C:/Users/Naveen%20M/OneDrive/Desktop/sample.html. The page displays the text 'Welcome naveen'.

Welcome naveen

GET:

Login.html

```
<html>
  <body>
    <form action = "http://localhost:5000/login" method = "get">
      <table>
        <tr><td>Name</td>
        <td><input type = "text" name = "uname"></td></tr>
        <tr><td>Password</td>
        <td><input type = "password" name = "pass"></td></tr>
        <tr><td><input type = "submit"></td></tr>
      </table>
    </form>
  </body>
</html>
```

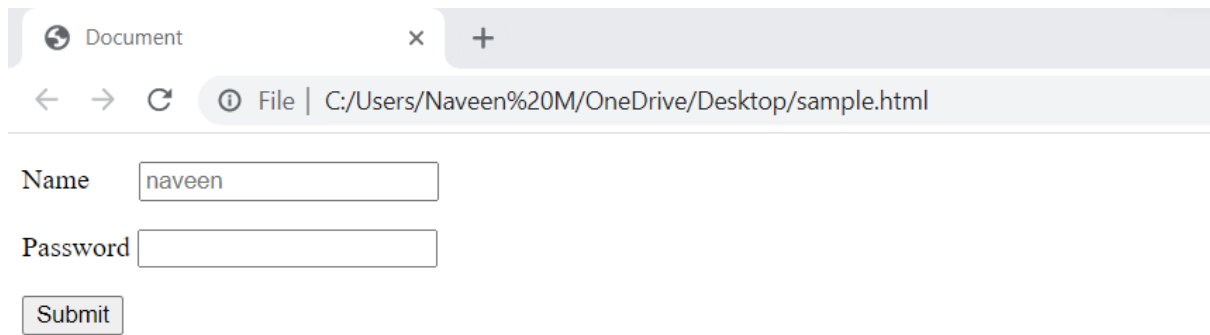
get_example.py

```
from flask import *
app = Flask(__name__)

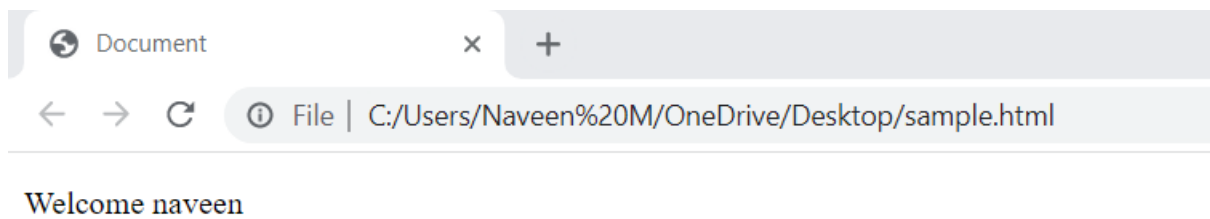
@app.route('/login', methods = ['GET'])
def login():
    uname=request.args.get('uname')
    passwd=request.args.get('pass')
    if uname=="ayush" and passwd=="google":
        return "Welcome %s" %uname
```

```
if __name__ == '__main__':  
    app.run(debug = True)
```

Output:



A screenshot of a web browser window. The address bar shows the file path: C:/Users/Naveen%20M/OneDrive/Desktop/sample.html. The page content includes a form with two input fields: 'Name' containing the text 'naveen' and 'Password' which is empty. Below the fields is a 'Submit' button.



A screenshot of a web browser window, identical to the one above, but the page content now displays 'Welcome naveen' instead of the form.