

**Assignment -2**  
Python Programming

Assignment Date	17 October2022
Student Name	G.G.Divya Bharathi
Student Roll Number	194005
Maximum Marks	2 Marks

**Question-1:**

Write a flask program which should display Name,Email,phone and it should display the same details once we hit submit.

**Solution:**

**HTML CODE**

```
<html>
<body>
<form action="/login" method = "post">
<p> Name: </p>
<p><input type = "text" name = "nm"/></p>
<p> E-mail: </p>
<p><input type = "text" email = "email"/><p>
<p> Phone-no: </p>
<p><input type = "tel" phone-no = "phn"/><p>
<p> <input type = "submit" value = "submit"/></p>
</form>
<b> {{y}} </b>
</body>
</html>
```

**FLASK PROGRAM**

```
from flask import Flask,render_template,request
app=Flask(__name__)
@app.route('/')
def home():
    return render_template('index.html')

@app.route('/login' , methods = ["POST"])
def login():
```

```
if request.method == "POST":  
    user = request.form["nm"]  
    return render_template("index.html",y = user)
```

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

### OUTPUT:

Name:

E-mail:

Phone-no:

### Question-2:

Write a flask program which should cover cookies,sessions.

### SOLUTION:

#### FLASK PRROGRAM

```
from flask import render_template, make_response, request,Flask, redirect, url_for, session
```

```
import os
```

```
app=Flask(__name__)
```

```
app.secret_key=os.urandom(24)# this is an important step
```

```
#flask will not allow you to use cookies without a secret key
```

```
@app.route('/',methods=['GET','POST'])
```

```
def index():
```

```
    if not(session.get('user')):
```

```

if not request.cookies.get('choice'):
    if request.method=='POST':
        colour=str(requestform['color'])

        response=make_response("Setting your Cookie and Session! Please refresh the page to see
the results -")

        response.set_cookie('choice',colour)

        session['user']=str(request.form['name'])

        return response

    else:

response=make_response(render_template('output.html',cookie=str(request.cookies.get('choice')),
user = (str(session.get('user')))))

        return response

else:

    return render_template('output.html',cookie=str(request.cookies.get('choice')),user=
(str(session.get('user'))))

return render_template('index.html')

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

```

## HTML CODE

```

<html>

<body>

    <form action = "/" method = "POST">

        <p><h3>Enter userID</h3></p>

        <p><input type = 'text' name = 'name' /></p>

        <p><h4>Select your favourite colour: </p>

        <select name="colour" id="colour">

            <option value="red">Red</option>

            <option value="blue">Blue</option>

            <option value="green">Green</option>

            <option value="yellow">Yellow</option>

        </select>

```

```

        <br><br>

        <p><input type = 'submit' value = 'Login'/></p>

    </form>

</body>

</html>

<html>

    <body>

        <p> Cookie is: {{cookie}}</p>

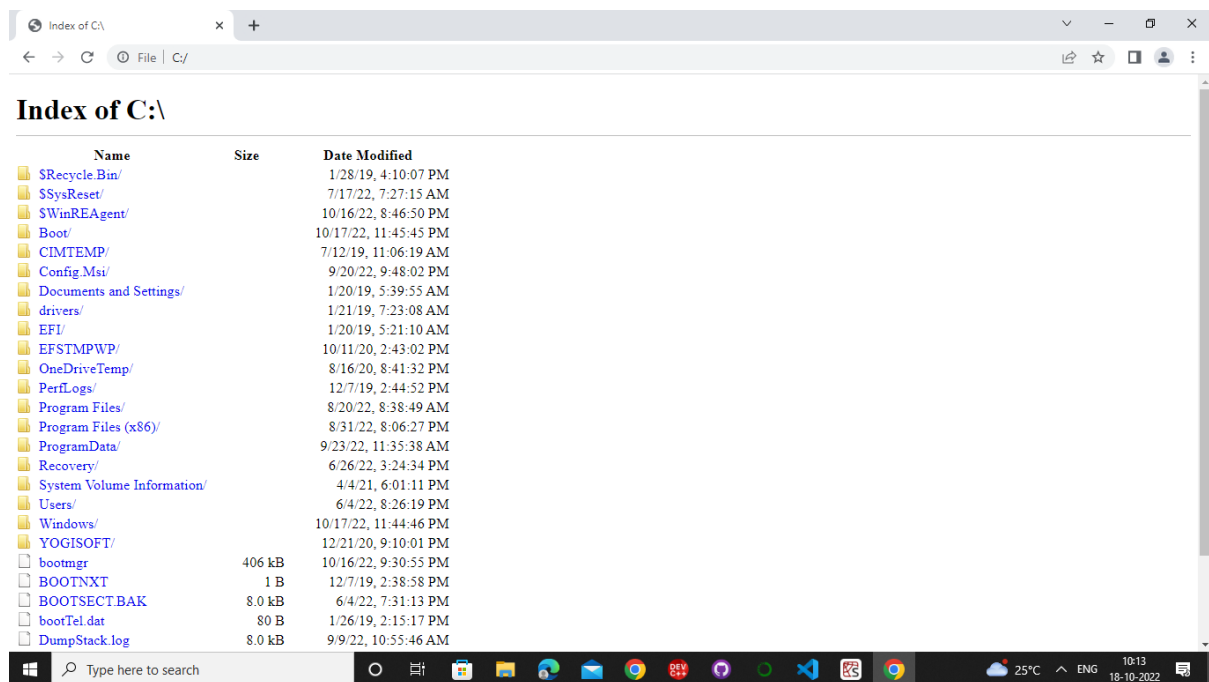
        <p>Logged in as: {{user}}</p>

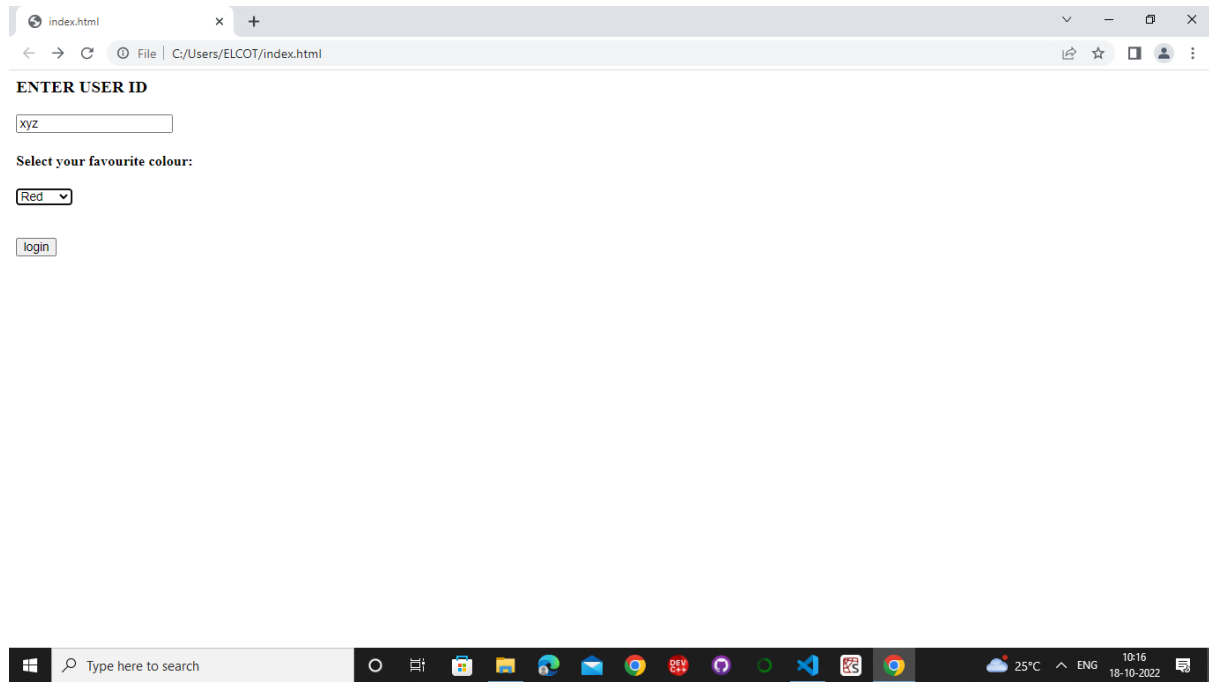
    </body>

</html>

```

## OUTPUT:





### Question-3:

Write a flask program which should display resume details and also have resume options by using file uploading.

#### Solution:

#### HTML CODE

```
<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">
</head>
<body>
<div class="full">
<div class="left">
<div class="image">

</div>
```

```
<div class="Contact">
<h2>Contact</h2>
<p><b>Email id:</b>xyz@gmail.com</p>
<p><b>Mobile no :</b>1234567890</p>
</div>
```

```
<div class="Skills">
<h2>Skills</h2>
<ul>
<li><b>Programming Languages :
        Python, Java, C++</b></li>
<li><b>Frontend : HTML5, CSS3,
        JavaScript, React</b></li>
<li><b>Backend : Node.js</b></li>
</ul>
</div>
```

```
<div class="Language">
<h2>Language</h2>
<ul>
<li>English</li>
<li>Tamil</li>
</ul>
</div>
```

```
<div class="Hobbies">
<h2>Hobbies</h2>
<ul>
<li>Reading novels</li>
<li>Dancing</li>
</ul>
</div>
</div>
```

```
<div class="right">
```

<div class="name">

<h1>RESUME</h1>

</div>

<div class="title">

<p>Web Developer</p>

</div>

<div class="Summary">

<h2>Summary</h2>

<p>To secure a challenging position in a

reputable organization

to expand my learning knowledge and skill

</p>

</div>

<div class="Experience">

<h2>Experience</h2>

<h3>Abcwebdevpvt ltd - Senior Web Developer</h3>

<p>January 2022 to Present</p>

<ul>

<li>Actively engaged in web creative

design and development.</li>

<li>Designing project &planing</li>

</ul>

<ul>

<li>Actively engaged in web creative

design and development.</li>

<li>Designing project &planing</li>

<li>Working on designing</li>

</ul>

</div>

<div class="Education">

<h2>Education</h2>

<table>

<tr>

<th>University/college </th>

<th>Passing year </th>

<th>percentage/cgpa</th>

</tr>

<tr>

<td>xyz</td>

<td>2023</td>

<td>8.9</td>

</tr>

<tr>

<td>pqr</td>

<td>2018</td>

<td>89%</td>

</tr>

</table>

</div>

<div class="project">

<ul>

<li>

<h2>Project1</h2>

<p>This project is based on html

&css</p>

</li>

<li>



```
<h2>Project2</h2>
```

```
<p>This project is based on html  
&java script</p>
```

```
</li>  
</ul>  
</div>  
</div>  
</div>  
</body>
```

```
</html>
```

### **HTML CODE for file uploading**

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>HTML input type file</title>
```

```
<style>
```

```
    h1 {  
color: green;  
    }
```

```
h2,
```

```
    h3 {  
        font-family: Impact;
```

```
}

body {
    text-align: center;
}
</style>
</head>

<body>
<h2>RESUME</h2>

<label> Choose the File to upload: </label>
<input type="file" id="myFile" /><br /><br />

<input type="submit" value="submit" />
</body>

</html>
```

## CSS CODE

```
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body {
    background-color: rgb(253, 254, 255);
    display: flex;
    justify-content: center;
    align-items: center;
```

```

}

.full {
    width: 50%;
    max-width: 1000px;
    min-height: 100px;
    background-color: rgb(245, 239, 231);
    margin: 0px;
    display: grid;
    grid-template-columns: 2fr 4fr;
}

.left {
    position: initial;
    background-color: rgb(126, 219, 231);
    padding: 20px;
}

.right {
    position: initial;
    background-color: rgb(162, 202, 206);
    padding: 20px;
}

.image, .Contact, .Skills, .Language, .Hobbies, .title,
.Summary, .Experience, .Education, .project {
    margin-bottom: 30px;
}

.h2 {
    background-color: rgb(4, 96, 150);
}

```

## FLASK PROGRAM

```
from flask import Flask,render_template,request
```

```

app=Flask(_name_)

@app.route('/')

def home():

    return render_template('resume.html')

@app.route('/Login',methods=["POST"])

def resume():

    if request.method=="POST":

        user=request.form["nm"]

        return render_template("resume.html",y=user)

if _name==('main_'):

app.run(debug=True)

```

## OUTPUT



### Contact

**Email id:**xyz@gmail.com  
**Mobile no :**1234567890

### Skills

- **Programming Languages :** Python, Java, C++
- **Frontend :** HTML5, CSS3, JavaScript, React
- **Backend :** Node.js

### Language

- English
- Tamil

### Hobbies

- Reading novels
- Dancing

## RESUME

Web Developer

### Summary

To secure a challenging position in a reputable organization to expand my learning knowledge and skill

### Experience

**Abc webdev pvt ltd - Senior Web Developer**

January 2022 to Present

- Actively engaged in web creative design and development.
- Designing project & planing
- Actively engaged in web creative design and development.
- Designing project & planing
- Working on designing

### Education

University/college	Passing year	percentage/cgpa
xyz	2023	8.9
pqr	2018	89%

- **Project1**

This project is based on html & css

- **Project2**

