

**Assignment -2**  
Python Programming

|                     |                   |
|---------------------|-------------------|
| Assignment Date     | 19 September 2022 |
| Student Name        | Manisha. G        |
| Student Roll Number | 194004            |
| 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>

```

### 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">
<img src=ibm.jpg alt="ibm"
    style="width:100px;height:100px;">

```

</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



# 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



## 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

Choose the File to upload:  ibm.jpg