

ASSIGNMENT- 1

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Student roll number	814619104018
Maximum marks	2 marks

Question1

- 1 .Write a flask program which should display the name,email,phone number and it should display thesame details once we hit submit.

Index.html

```
</head>
<body>
<form action="/confim" method="post">
  <p>Enter Name</p>
  <input type="text" name="name">
  <p> EnterPhone number</p>
  <input type="text" name="Phone_number">
  <p> Enter email</p>
  <input type="text" name="email_id">
  <input type="submit" value="Register">
</form>
</body>
</html>
```

app.py

```
from flask import Flask, render_template, request
app = Flask(__name__,template_folder='templates')

@app.route('/')
@app.route('/form')
def homepage():
    return render_template('index.html')

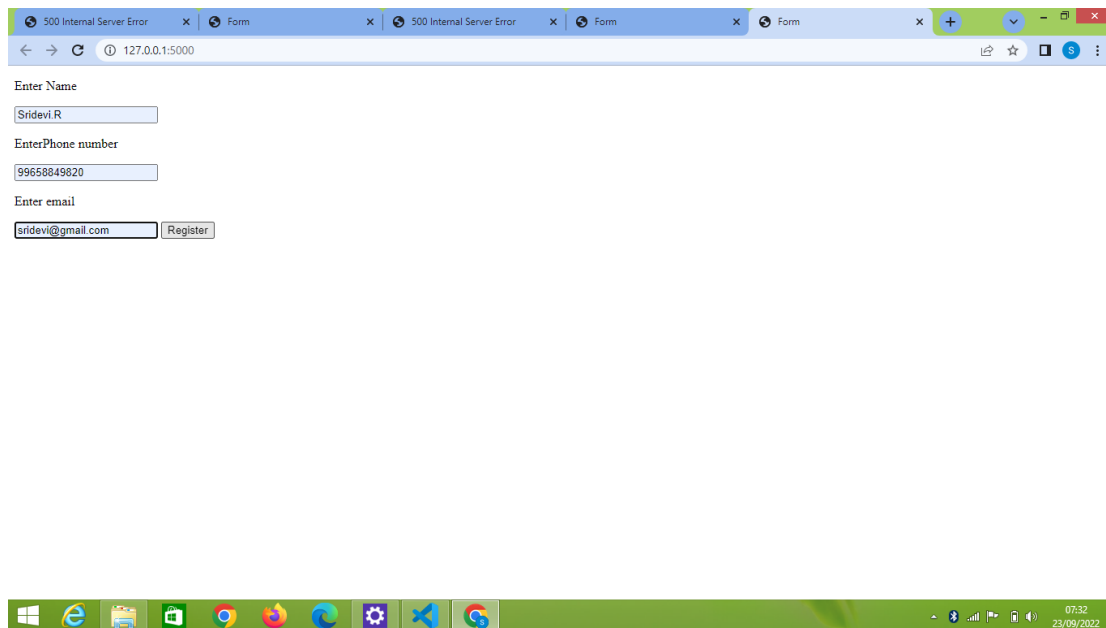
@app.route("/confim", methods=['POST', 'GET'])
def register():
    if request.method == 'POST':
        n = request.form.get('name')
        p = request.form.get('Phone_number')
        e = request.form.get('email_id')
        return render_template('confim.html',name=n,Phone_number=p,email_id=e)

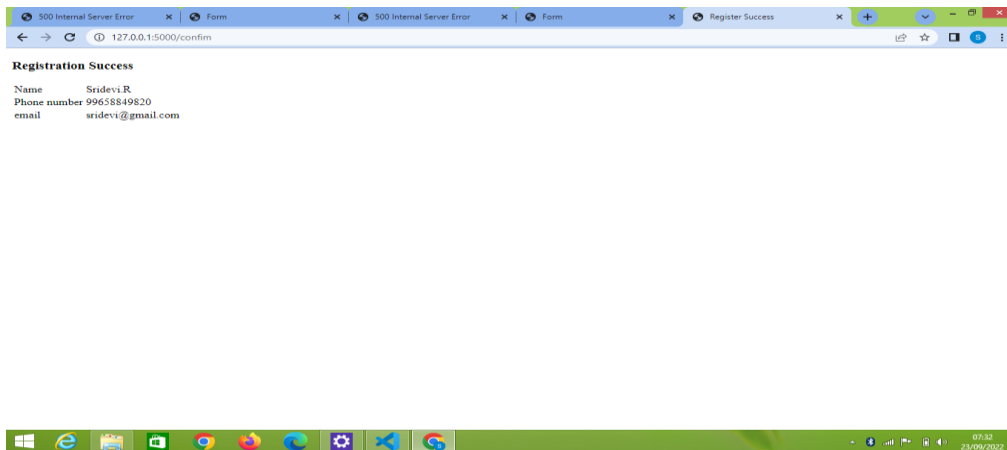
if __name__ == "__main__":
    app.run(debug=True)
```

confirm.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Register Success</title>
</head>
<body>
<h3>Registration Success</h3>
<table>
  <tr>
    <td>Name</td><td>{{name}}</td>
  </tr>
  <tr>
    <td>Phone number</td><td>{{Phone_number}}</td>
  </tr>
  <tr>
    <td>email</td><td>{{email_id}}</td>
  </tr>
</table>
</body>
</html>
```

Output





Question 2

2. Write the flask program which should cover sessions, cookies.

cookie.html

```
<html>
  <body>
    <form action = "/setcookie" method = "POST">
      <p><h3>Enter userID</h3></p>
      <p><input type = 'text' name = 'nm' /></p>
      <p><input type = 'submit' value = 'Login' /></p>
    </form>
  </body>
</html>
```

cookie.py

```
from flask import *
app=Flask(__name__)
@app.route('/')
def index():
    return render_template('cookie.html')
@app.route('/setcookie', methods = ['POST', 'GET'])
def setcookie():
    if request.method == 'POST':
        user = request.form['nm']
        res = make_response(render_template('readcookie.html'))
        res.set_cookie('userID', user)
        return res
@app.route('/getcookie')
def getcookie():
    name = request.cookies.get('userID')
```

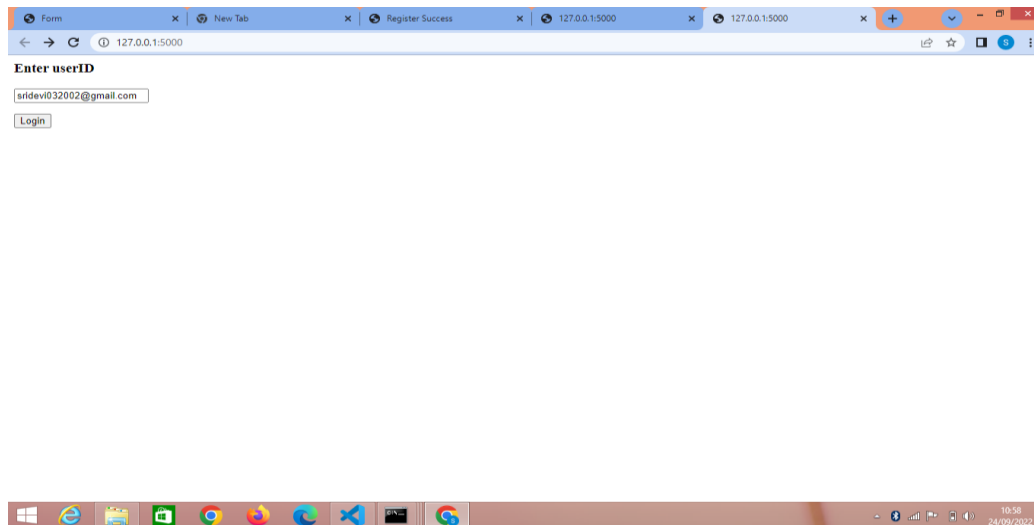
```
    return '<h1>welcome '+name+'</h1>'

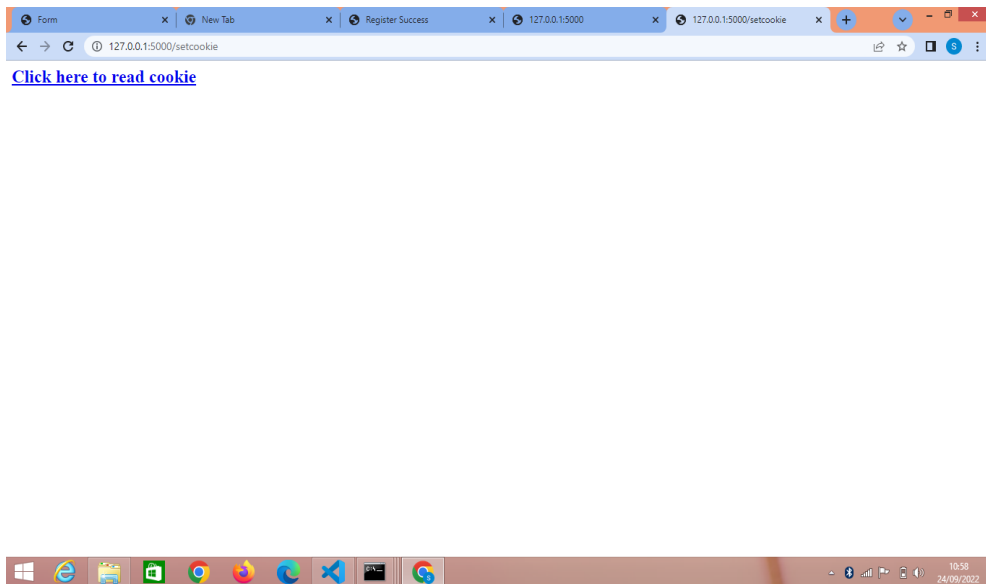
if __name__=='__main__':
    app.run(debug=True)
```

readcookie.html

```
<html>
  <body>
    <a href='http://localhost:5000/getcookie'>
      <h2>Click here to read cookie</h2>
    </body>
</html>
```

Output





Question 3

3. Write the flask program which should upload the resume details by using file uploading.

file_upload.html

```
<html>
<head>
  <title>upload</title>
</head>
<body>
  <form action = "/success" method = "post" enctype="multipart/form-data">
    <input type="file" name="file" />
    <input type = "submit" value="Upload">
  </form>
</body>
</html>
```

Upload.py

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

@app.route('/')
def upload():
    return render_template("file_upload.html")

@app.route('/success', methods = ['POST'])
def success():
    if request.method == 'POST':
        f = request.files['file']
```

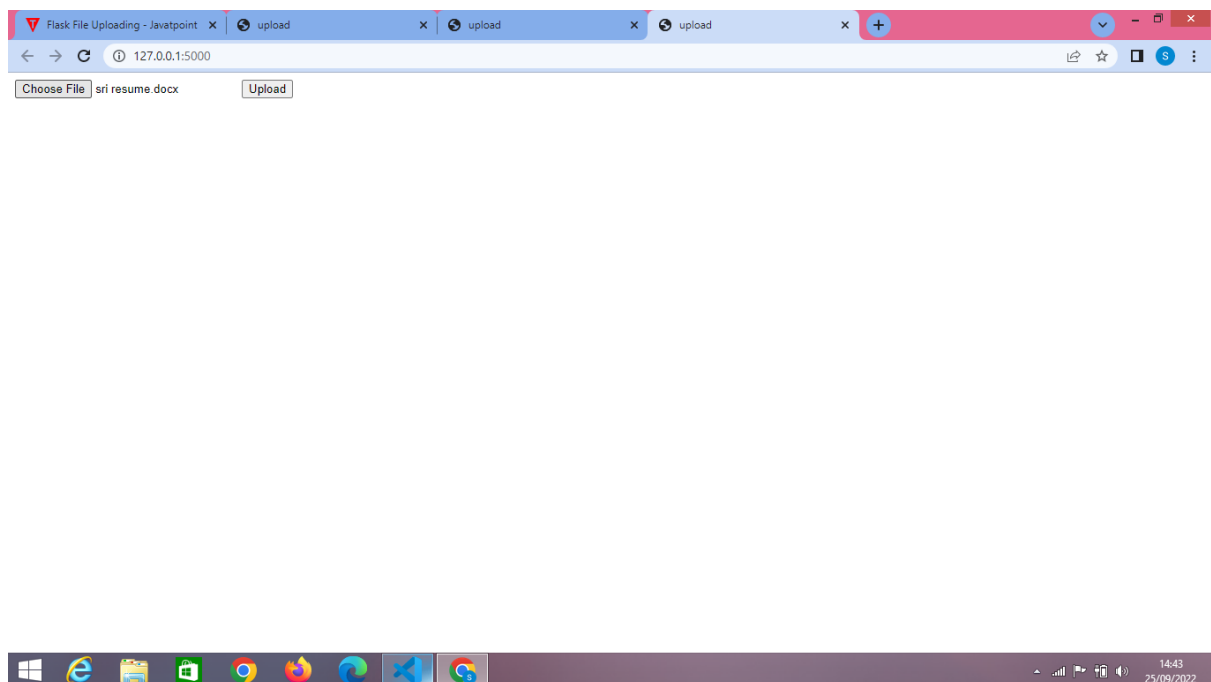
```
f.save(f.filename)
return render_template("success.html", name = f.filename)

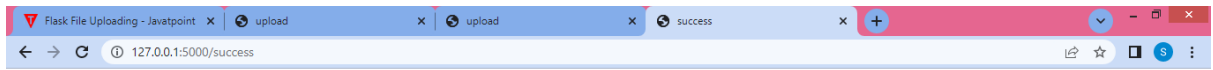
if __name__ == '__main__':
    app.run(debug = True)
```

success.html

```
<html>
<head>
<title>success</title>
</head>
<body>
<p>File uploaded successfully</p>
<p>File Name: {{name}}</p>
</body>
</html>
```

Output





File uploaded successfully

File Name: sri resume.docx

