

ASSIGNMENT 2

Date	17 NOV
Team ID	2022 0 2 2 TM ID1 0 9 0 8
Project Name	Nutrition assistant application
Name	NARESHSHANKAR.A

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

Index.html

```
<html>
<head>
  <title>Assignment2</title>
</head>
<body>
  <form action="/login" method="POST" name = "f">
    <p>Enter name:</p>
    <p><input type="text" name="nm"/></p>
    <p>Email:</p>
    <p><input type="email" name="em"/></p>
    <p>Phone number:</p>
    <p><input type="number" name="pn"/></p>
    <p><input type="submit" value="submit"/></p>
  </form>
  <b>{{y}}</b>
</body>
</html>
```

app.py

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

@app.route('/')
def home():
    return render_template("index.html")

@app.route('/login', methods=["POST"])
def login():
    if request.method == "POST":
        name=request.form["nm"]
```

2) Write a flask program which should cover cookies,
sessions

Index.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>
```

```
App.py
```

```
from flask import Flask,  
render_template, redirect, requestapp =  
Flask( name )
```

```
@app.r
```

```
oute('/')
```

```
def
```

```
home():
```

```
    return render_template('index.html')
```

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

```
def setcookie():
```

```
    if request.method == 'POST':
```

```
        user = request.form['nm']
```

```
resp =
```

```
make_response(render_template('readcookie.html'))
```

```
resp.set_cookie('userID', user)
```

```
return resp
```

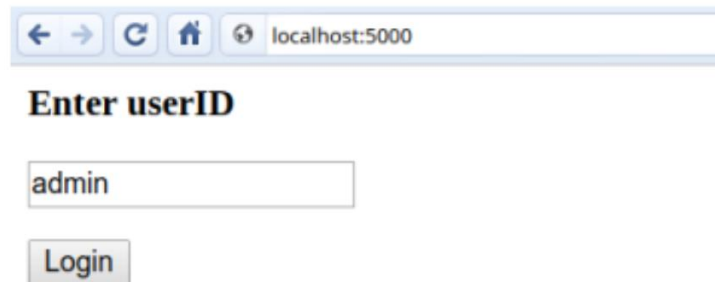
```
@app.route('/getcookie')
```

```
def getcookie():
```

```
    name = request.cookies.get('userID')
```

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

OUTPUT



A screenshot of a web browser window. The address bar shows 'localhost:5000'. The page content includes a heading 'Enter userID', a text input field with the value 'admin', and a 'Login' button.

3) Write a flask program which should display resume details and also have upload resume option by using file uploading

Uploadfile.html

```
<html>
  <body>
    <form action ="/uploader" method="POST" enctype="multipart/form-data">
      <p>Enter name:</p>
      <p><input type="text" name="nm"/></p>
      <p>Email:</p>
      <p><input type="email" name="em"/></p>
      <p>Phone number:</p>
      <p><input type="number" name="pn"/></p>

      <input type="file" name="file"/>
      <input type="submit"/>
    </form>
  </body>
</html>
```

Upload.py

```
from flask import Flask,render_template,request
from werkzeug.utils import secure_filename
app=Flask(__name__, template_folder='template')
@app.route('/')
def upload_file():
return render_template('uploadfile.html')
```

```
@app.route('/uploader',methods =['GET','POST'])  
def flask_upload():  
    if request.method == 'POST':  
        f=request.files['file']  
        f.save(secure_filename(f.filename))  
        return 'file upload successfully'  
if __name__ == '__main__':  
    app.run(debug = True)
```

