ASSIGNMENT 2

Date	5 nov 2022
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Project Name	Nutrition assistant application
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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
<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

```python
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"]
```
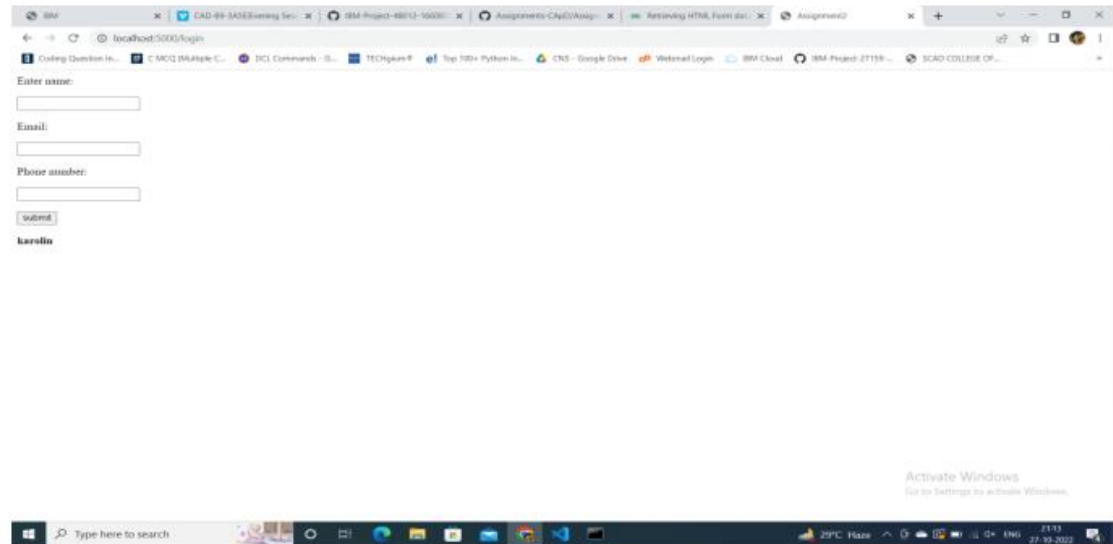
```
        mail=request.form["em"]
        user=request.form["pn"]
    return render_template("index.html",y=name)
if __name__==('__main__'):
    app.run(debug = True)
```

OUTPUT

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

Index.html

```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>
```

```html
        </form>
    </body>
</html>
```

App.py

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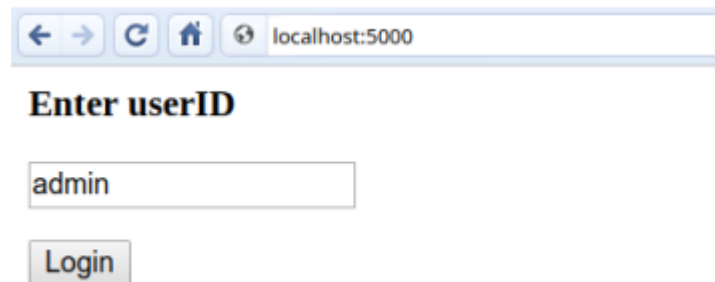
return '<h1>welcome ' + name + '</h1>

OUTPUT

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

Uploadfile.html

```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)
```

OUTPUT

file upload successfully