Assignment -2

Assignment Date	
Student Name	
Student Roll Number	
Maximum Marks	
Team ID	

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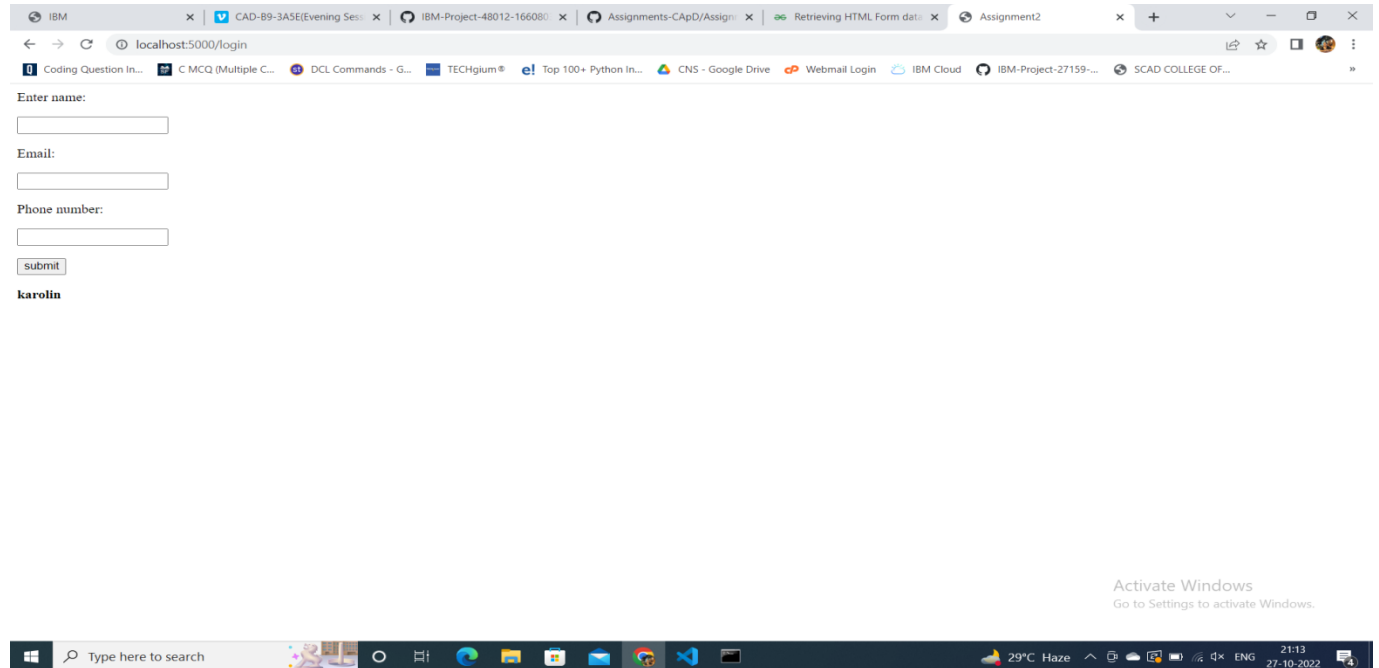
```
        mail=request.form["em"]
        user=request.form["pn"]
    return render_template("index.html",y=name)
if __name__==('__main__'):
    app.run(debug = True)
```

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>
        </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
```

Enter userID

admin

Login

3) Write a flask program which should ddisplay resume details and also hav

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

```python
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']
```
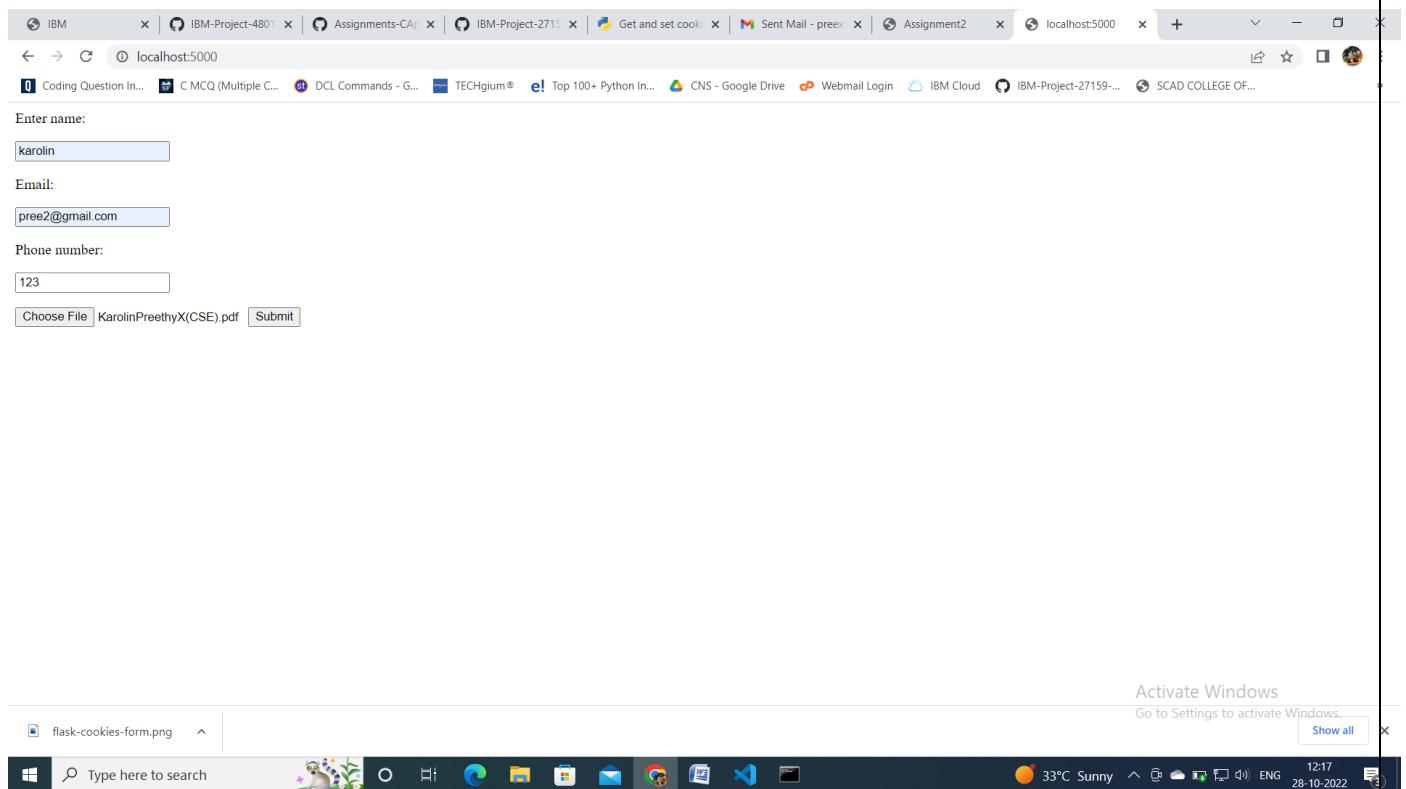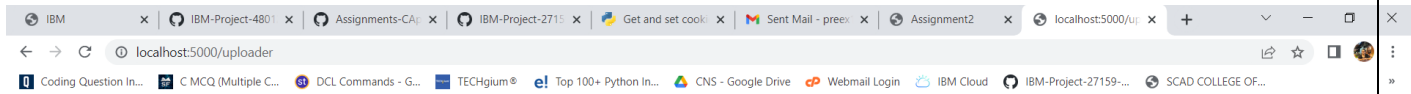
```
        f.save(secure_filename(f.filename))
        return 'file upload successfully'

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

OUTPUT

file upload successfully