

ASSIGNMENT -2

FLASK PROGRAM

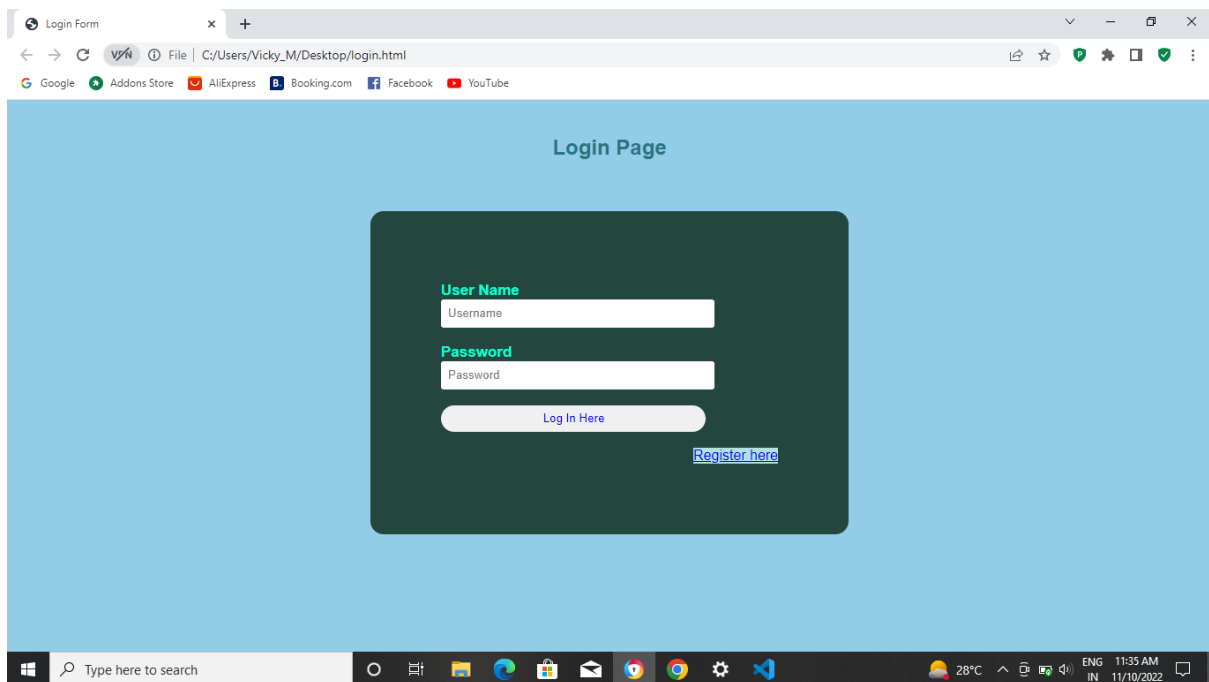
Student Name	Jeevitha K
Student Roll Number	731719205007
Maximum Marks	2 Marks

- 1) Write a Flask Program Which Should Display Name, Email, Phone and it Should Display the Same Once We Hit Submit.

CODE:

```
login.py - Visual Studio Code
mail_api.py login.py 3 X
C:\Users\DELL>Downloads>login.py>register
1 from email.mime import image
2 from flask import Flask, render_template, request, redirect, url_for, session
3 import ibm_db
4 import re
5 app = Flask(__name__)
6
7 conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=54a2f15b-5c0f-46df-8954-7e38e612c2bd.c10gj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32733;PROTOCOL=TCP;SECURITY=SSL;SS
8
9 @app.route('/')
10 @app.route('/login', methods=['GET', 'POST'])
11 def login():
12     msg = ''
13     if request.method == 'POST' and 'email' in request.form and 'password' in request.form:
14         username = request.form['email']
15         password = request.form['password']
16         stat = ibm_db.exec_immediate(conn, 'SELECT * FROM JEEVITHA_DB WHERE email = %s AND password = %s', (email, password, ))
17         account = ibm_db.fetch_both(stat)
18         if username==password:
19             session['loggedin'] = True
20             session['id'] = account['id']
21             session['email'] = account['email']
22             msg = 'logged in successfully !'
23             return render_template('index.html', msg = msg)
24         else:
25             msg = 'Incorrect username / password !'
26             return render_template('login.html', msg = msg)
27
28 @app.route('/register', methods=['GET', 'POST'])
29 def register():
30     msg = ''
31     if request.method == 'POST' and 'username' in request.form and 'password' in request.form and 'email' in request.form and 'roll_no' in request.form :
32         roll_no = request.form['roll_no']
33         username = request.form['username']
34         password = request.form['password']
35         cpassword = request.form['cpassword']
36         email = request.form['email']
37         conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=54a2f15b-5c0f-46df-8954-7e38e612c2bd.c10gj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32733;PROTOCOL=TCP;SECURITY=SSL;SS
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```
File Edit Selection View Go Run Terminal Help login.py - Visual Studio Code
C:\Users\DELL\Downloads> login.py > register
24     else:
25         msg = 'Incorrect username / password !'
26         return render_template('login.html', msg = msg)
27
28 @app.route('/register', methods=['GET', 'POST'])
29 def register():
30     msg = ''
31     if request.method == 'POST' and 'username' in request.form and 'password' in request.form and 'email' in request.form and 'roll_no' in request.form :
32         roll_no = request.form['roll_no']
33         username = request.form['username']
34         password = request.form['password']
35         cpassword = request.form['cpassword']
36         email = request.form['email']
37         conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=54a2f15b-5c0f-46df-8954-7e38e612c2bd.c10g33sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32733;PROTOCOL=TCP;SECURITY=SSL;SSL_VERIFY_SERVER_CERT=0")
38         stmt = ibm_db.exec_immediate(conn,"SELECT * FROM JEEVITHA_DB")
39         if email==cpassword:
40             msg = 'Account already exists !'
41         elif not re.match(r'[^@]+@[^@]+\.[^@]+', email):
42             msg = 'Invalid email address !'
43         elif not re.match(r'[A-Za-z0-9]+', username):
44             msg = 'Username must contain only characters and numbers !'
45         elif not username or not password or not email:
46             msg = 'Please fill out the form !'
47         else:
48             sql=ibm_db.exec_immediate(conn,"INSERT INTO JEEVITHA_DB (roll_no, username, email, password, cpassword) VALUES (%s, %s, %s, %s, %s)")
49             msg = 'You have successfully registered !'
50             print('you have successfully registered!')
51             return redirect(url('/login'))
52     elif request.method == 'POST':
53         msg = 'Please fill out the form !'
54         return render_template('signup.html', msg = msg)
55
56 if __name__ == '__main__':
57     app.run(debug=True)
```



Browser tabs: Login Form, Registration Form, +

Address bar: C:/Users/Vicky_M/Desktop/Registrationform.html

Navigation: Google, Addons Store, AliExpress, Booking.com, Facebook, YouTube

REGISTRATION FORM

Username

Email

Password

Confirm Password

[Login here](#)



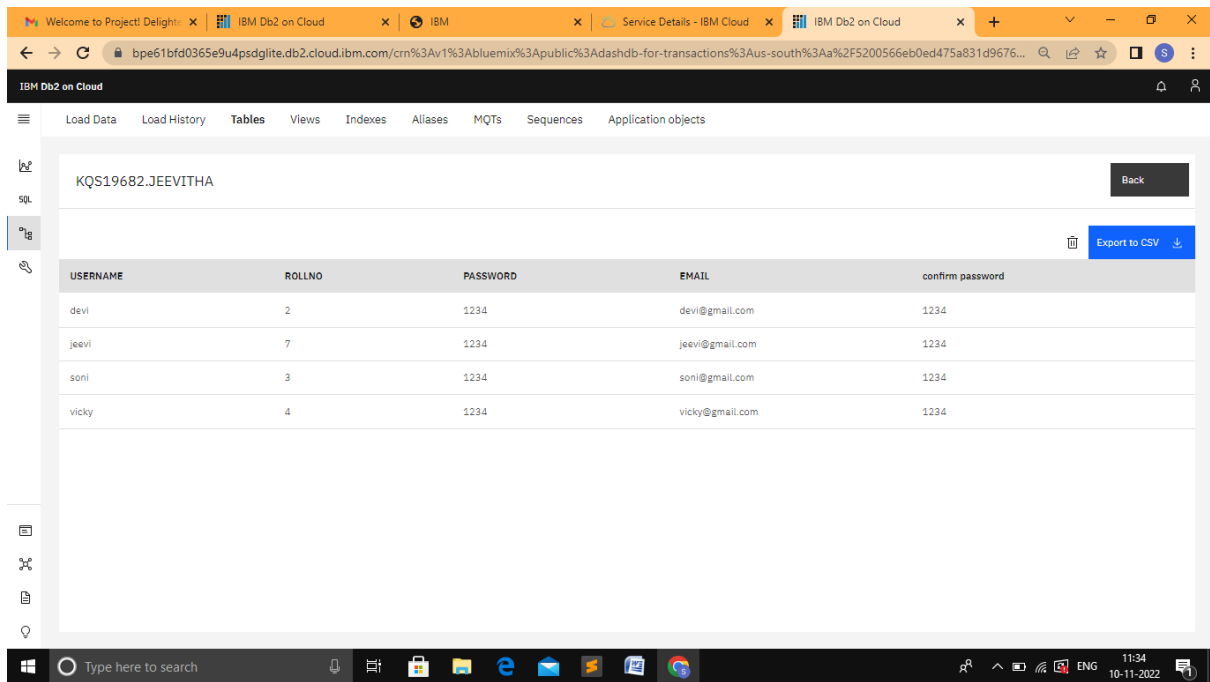
Browser tabs: Login Form, Registration Form, HOME PAGE, +

Address bar: C:/Users/Vicky_M/Desktop/home.html

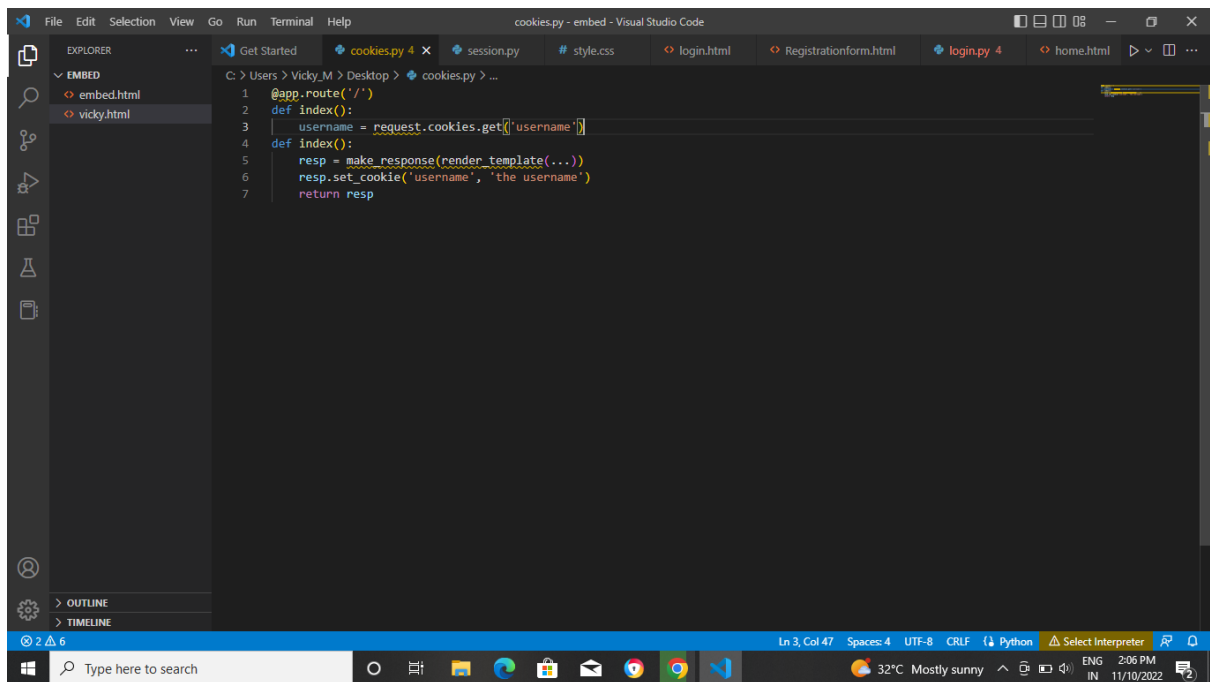
Navigation: Google, Addons Store, AliExpress, Booking.com, Facebook, YouTube

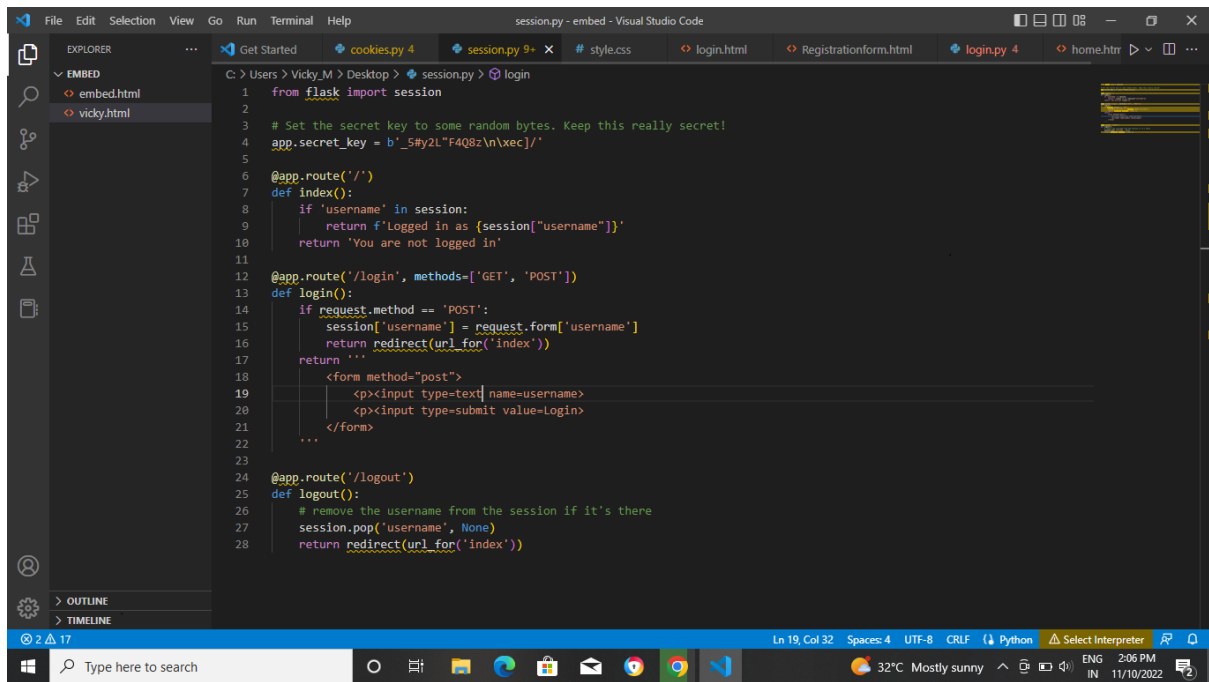
WELCOME





2) Write a Flask Program Which Should Cover Cookies, Sessions.





3) Write a Flask Program Which Should Display Resume Details Also have Upload Resume option by Using File Uploading.

```
4) <!DOCTYPE html>
5) <html>
6)     <head>
7)         <title>RESUME</title>
8)         <meta name="viewport" content="width=device-width,initial-
scale=1.0">
9)         <link rel="stylesheet" href="style5.css">
10)
11)     </head>
12)     <body>
13)
14)         <div class="wrapper">
15)             <div class="inner">
16)
17)                 <form style="justify-content: center;">
18)                     <center>
19)                         <h1>
20)                             <b>RESUME</b></h1>
21)                             FIRST NAME
22)                             <div class=""form-wrapper">
23)                                 <input type="text" placeholder="User name"
class="form-control">
24)                             </div><br>
```

```

25)                LAST NAME
26)                <div class=""form-wrapper">
27)                    <input type="text" placeholder="User name"
class="form-control">
28)                </div><br>
29)                EMAIL
30)                <div class=""form-wrapper">
31)                    <input type="text" placeholder="Email"
class="form-control">
32)                </div><br>
33)                PASSWORD
34)                <div class=""form-wrapper">
35)                    <input type="password" placeholder="password"
class="form-control">
36)                </div> <br>
37)                PHONE NO
38)                <div class=""form-wrapper">
39)                    <input type="Phone no" placeholder="Phone no"
class="form-control"></div><br>
40)                GENDER
41)                    <div class=""form-wrapper">
42)                        <input type="radio" placeholder="male" class=""form
-control">MALE
43)                        <input type="radio"
placeholder="female" class=""form-control">FEMALE
44)                    </div><br><br>
45)                    <p>Click on the "Choose File" button to upload a
file:</p>
46)                    <input type="file" id=""myFile" name=""filename"><br><br>
47)
48)                    <input type=""submit">
49)
50)                </center>
51)            </form>
52)        </div>
53)    </body>

```

The image is a screenshot of a web browser window displaying a resume form. The browser's address bar at the top shows the file path: "C:/Users/MOUNEESH/OneDrive/Documents/Assignment%202/resume.html". The form itself is titled "RESUME" in a large, bold, black font. Below the title, there are five input fields, each with a label above it: "FIRST NAME" (with "User name" as placeholder text), "LAST NAME" (with "User name" as placeholder text), "EMAIL" (with "Email" as placeholder text), "PASSWORD" (with "password" as placeholder text), and "PHONE NO" (with "Phone no" as placeholder text). Below these fields is a "GENDER" section with two radio buttons: "MALE" and "FEMALE", where "FEMALE" is selected. At the bottom of the form, there is a text prompt: "Click on the 'Choose File' button to upload a file:". Below this prompt are two buttons: "Choose file" and "No file chosen". At the very bottom of the form is a "Submit" button. The browser's interface includes standard navigation buttons (back, forward, refresh) and a tab bar with several open tabs. The Windows taskbar is visible at the bottom of the screen, showing the Start button, a search bar with the text "Type here to search", and various application icons including File Explorer, Mail, Chrome, and others. The system clock in the bottom right corner shows the time as 22:16 on 09-11-2022.