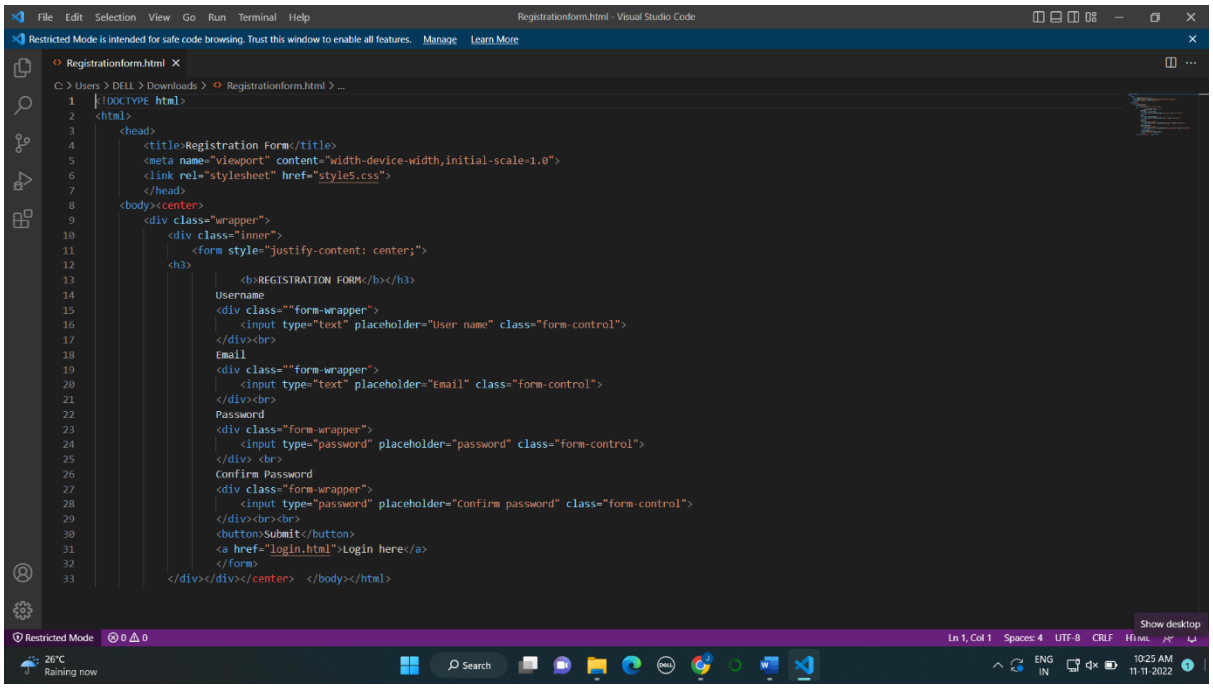
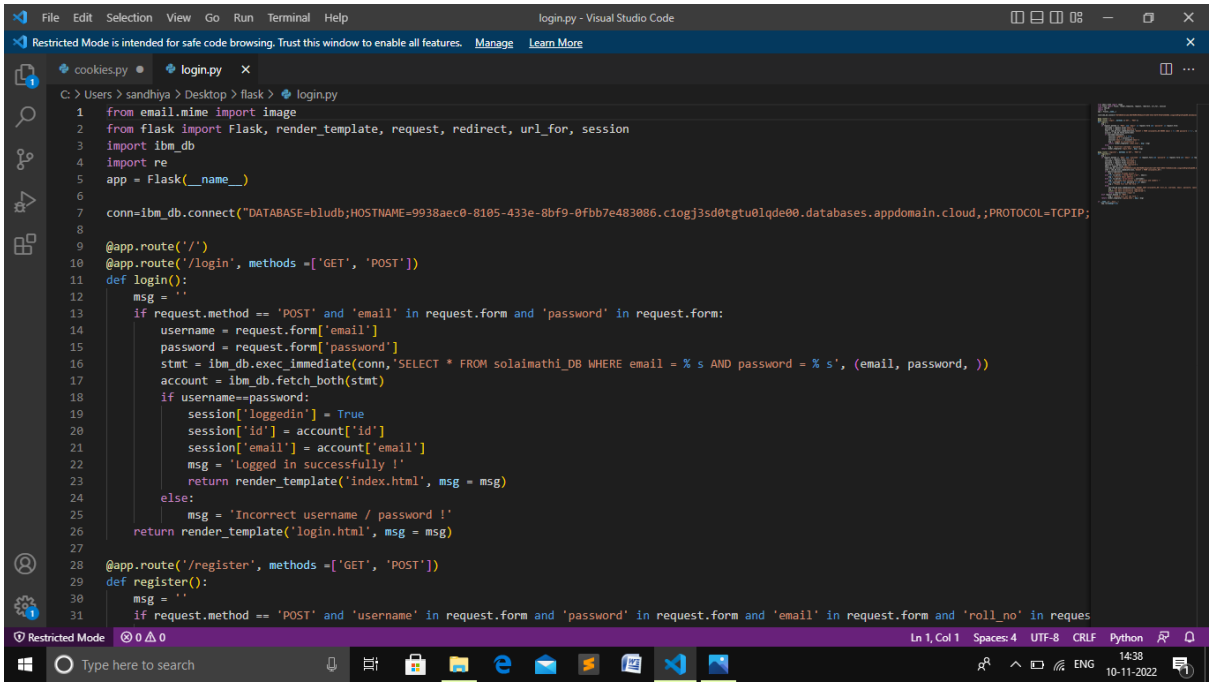
CREATE IBM DB2 AND CONNECT WITH PYTHON

Task ID	TSK-262930
Team ID	PNT2022TMID44584
Student Name	Solaimathi T
Student Roll Number	731719205019

RegistrationForm.html



Login.py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login.py - Visual Studio Code
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
cookies.py
login.py
C: > Users > sandhiya > Desktop > flask > login.py
from email.mime import image
from flask import Flask, render_template, request, redirect, url_for, session
import ibm_db
import re
app = Flask(__name__)
conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=9938aec0-8105-433e-8bf9-0fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud,;PROTOCOL=TCPIP;
@app.route('/')
@app.route('/login', methods =['GET', 'POST'])
def login():
msg = ''
if request.method == 'POST' and 'email' in request.form and 'password' in request.form:
username = request.form['email']
password = request.form['password']
stmt = ibm_db.exec_immediate(conn,'SELECT * FROM solaimathi_DB WHERE email = % s AND password = % s', (email, password,))
account = ibm_db.fetch_both(stmt)
if username==password:
session['loggedin'] = True
session['id'] = account['id']
session['email'] = account['email']
msg = 'Logged in successfully !'
return render_template('index.html', msg = msg)
else:
msg = 'Incorrect username / password !'
return render_template('login.html', msg = msg)
@app.route('/register', methods =['GET', 'POST'])
def register():
msg = ''
if request.method == 'POST' and 'username' in request.form and 'password' in request.form and 'email' in request.form and 'roll_no' in reques
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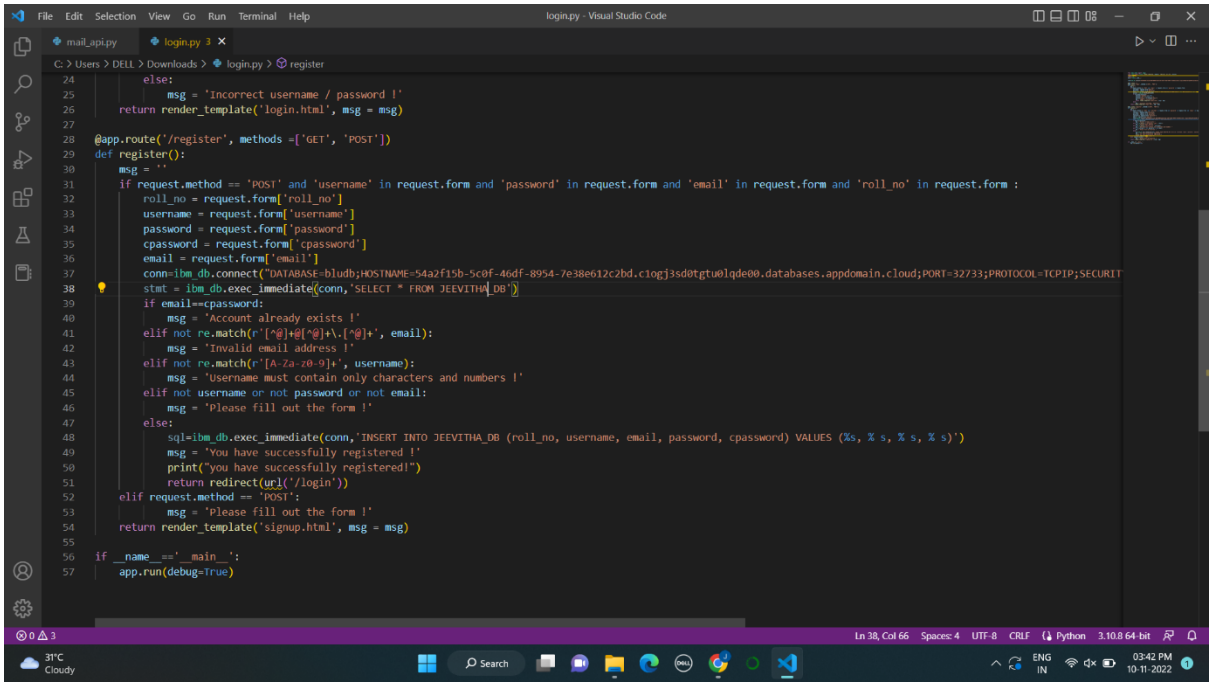
File Edit Selection View Go Run Terminal Help
login.py - Visual Studio Code
mail_api.py
login.py 3
C: > Users > DELL > Downloads > login.py > register
else:
msg = 'Incorrect username / password !'
return render_template('login.html', msg = msg)
@app.route('/register', methods =['GET', 'POST'])
def register():
msg = ''
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 :
roll_no = request.form['roll_no']
username = request.form['username']
password = request.form['password']
cpassword = request.form['cpassword']
email = request.form['email']
conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=54a2f15b-5c0f-46df-8954-7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32733;PROTOCOL=TCPIP;SECURIT
stmt = ibm_db.exec_immediate(conn,'SELECT * FROM JEEVITHA_DB')
if email==cpassword:
msg = 'Account already exists !'
elif not re.match(r'[^@]+@[^@]+\.[^@]+', email):
msg = 'Invalid email address !'
elif not re.match(r'[A-Za-z0-9]+', username):
msg = 'Username must contain only characters and numbers !'
elif not username or not password or not email:
msg = 'Please fill out the form !'
else:
sql=ibm_db.exec_immediate(conn,'INSERT INTO JEEVITHA_DB (roll_no, username, email, password, cpassword) VALUES (%s, % s, % s, % s)')
msg = 'You have successfully registered !'
print("you have successfully registered!")
return redirect(url_for('/login'))
elif request.method == 'POST':
msg = 'Please fill out the form !'
return render_template('signup.html', msg = msg)
if __name__=='__main__':
app.run(debug=True)
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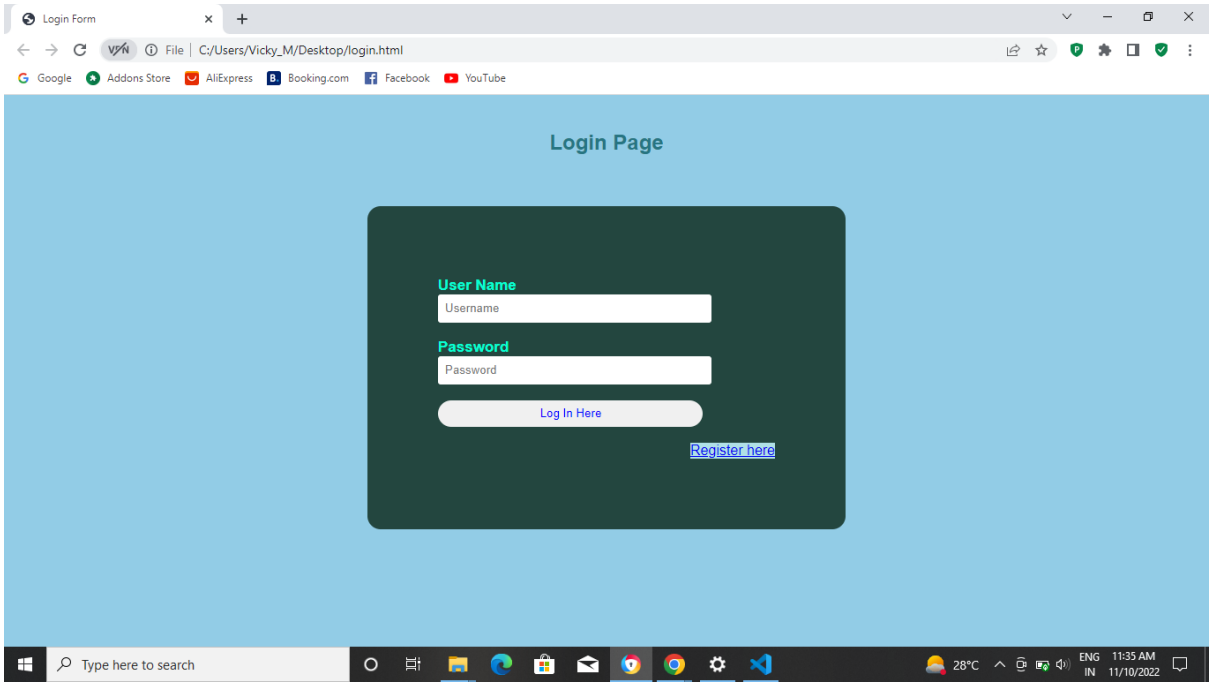
OUTPUT


Login Form
File | C:/Users/Vicky_M/Desktop/login.html
Google
Addons Store
AliExpress
Booking.com
Facebook
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Login Page
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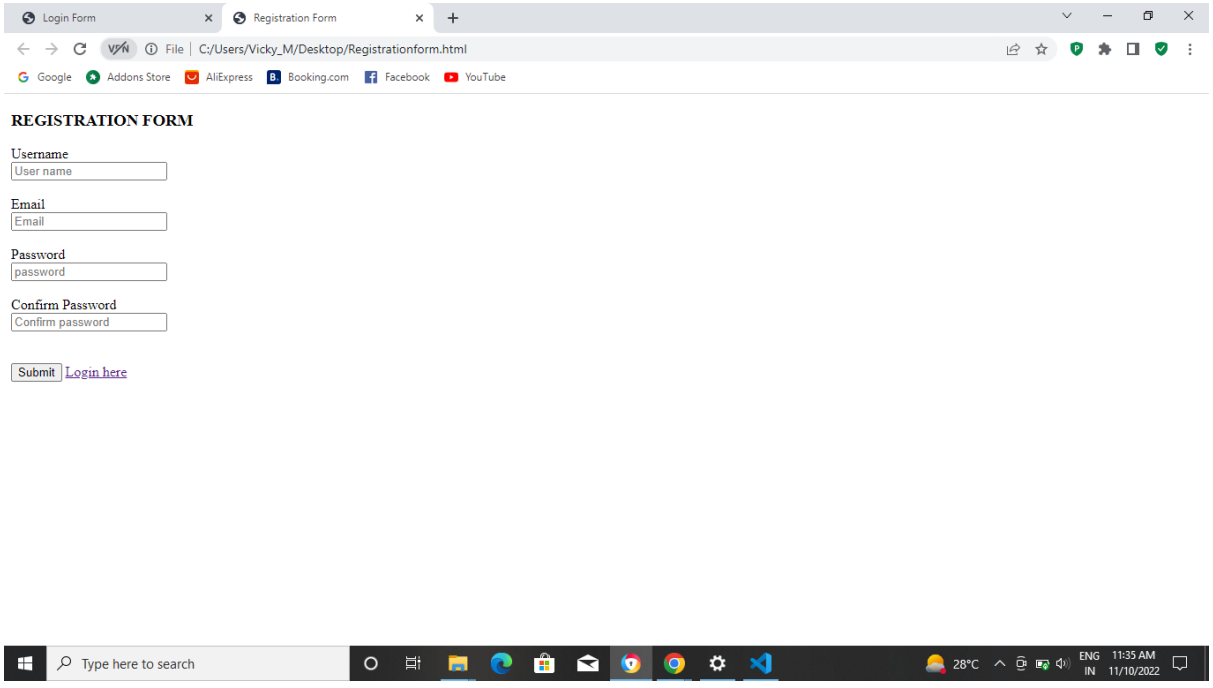
Login Form
Registration Form
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Google
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AliExpress
Booking.com
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YouTube
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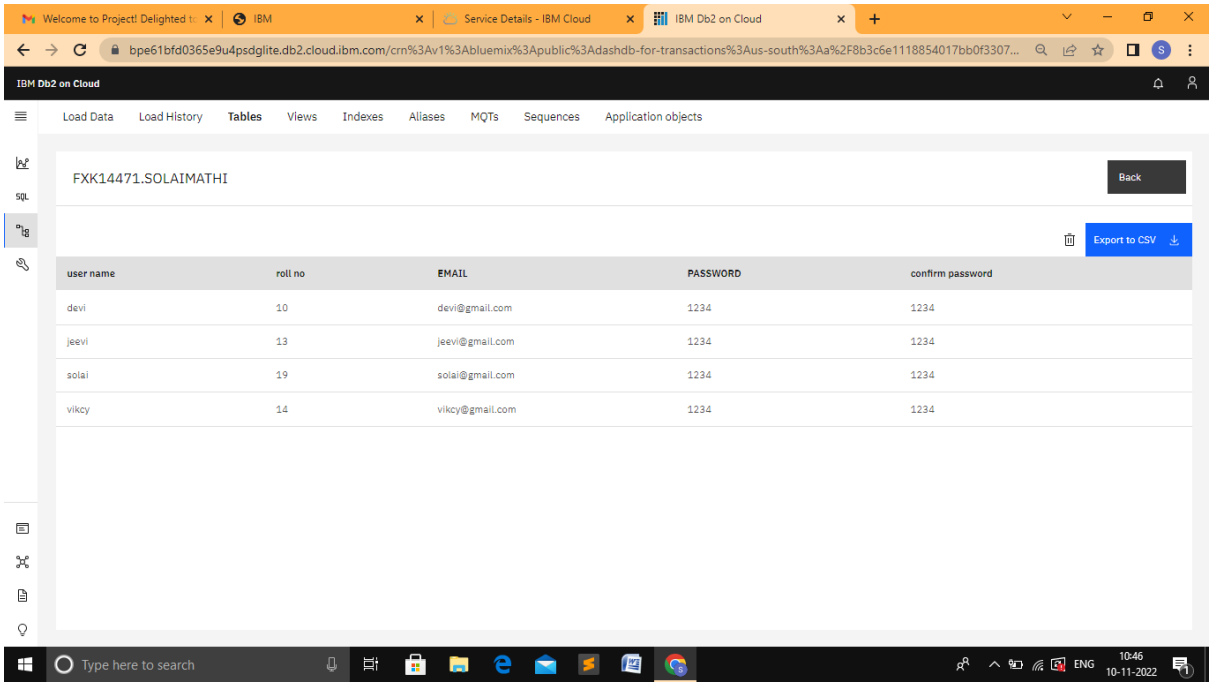
Welcome to Project! Delighted t
IBM
Service Details - IBM Cloud
IBM Db2 on Cloud
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IBM Db2 on Cloud
Load Data
Load History
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Aliases
MQTs
Sequences
Application objects
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10-11-2022