# Assignment -2

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| --- | --- |
| Assignment Date | 19 September 2022 |
| Student Name | Sutharshan.V |
| Student Roll Number | 310119104081 |
| Maximum Marks | 2 Marks |

**Question-1:**

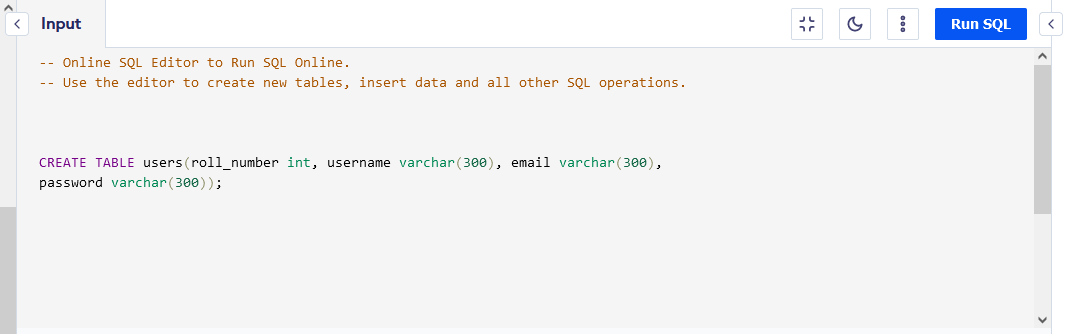
Create user table with user with email, username, roll number, password

CREATE TABLE user3 (

roll\_number int, username varchar(300), email varchar(300),

password varchar(300)

);



1. Perform UPDATE, DELETE Queries with user table

## INSERT Statement:

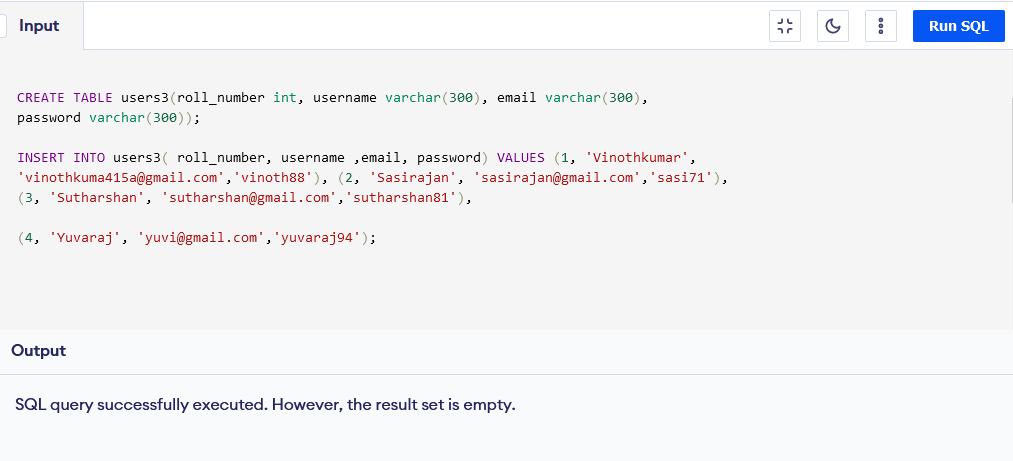
INSERT INTO users3( roll\_number, username ,email, password) VALUES

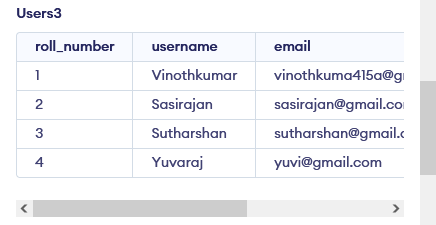
(1, 'Vinothkumar', 'vinothkuma415a@gmail.com','vinoth88'),

(2, 'Sasirajan', 'sasirajan@gmail.com','sasi71'),

(3, 'Sutharshan', 'sutharshan@gmail.com','sutharshan81'),

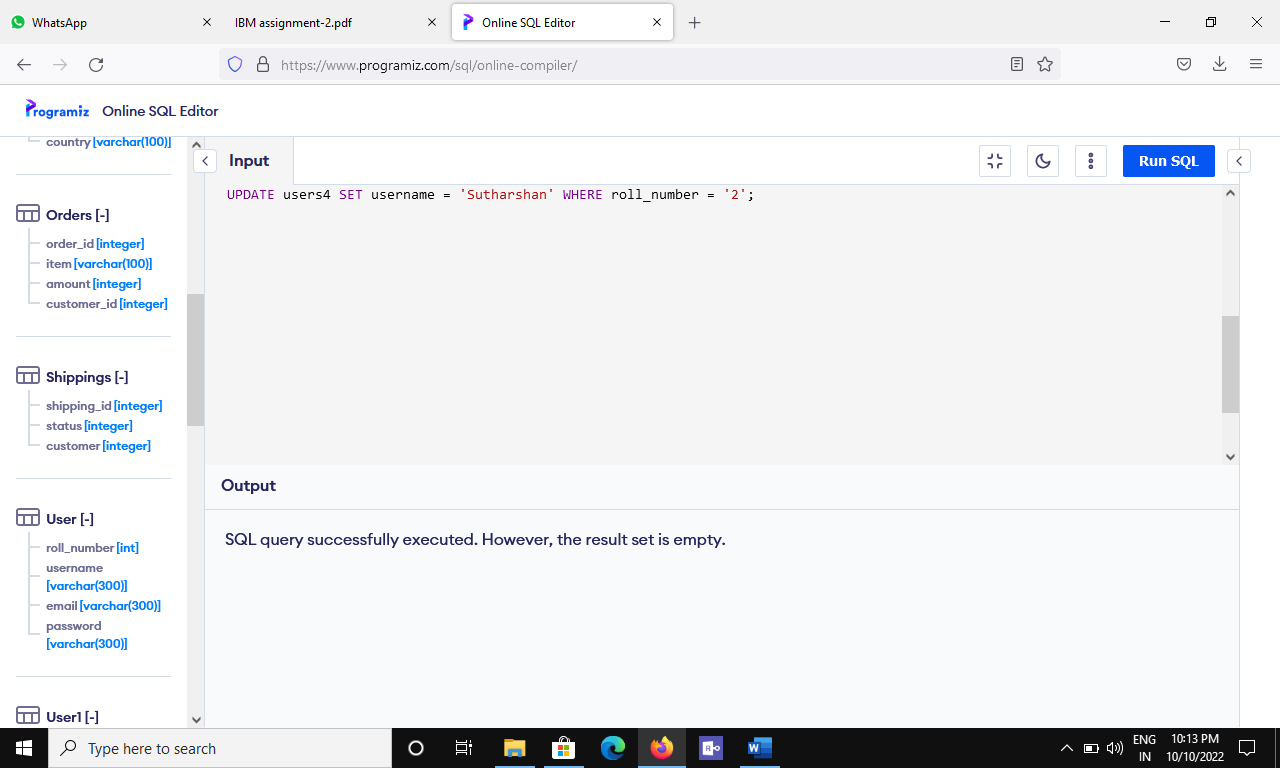
(4, 'Yuvaraj', 'yuvi@gmail.com','yuvaraj94');

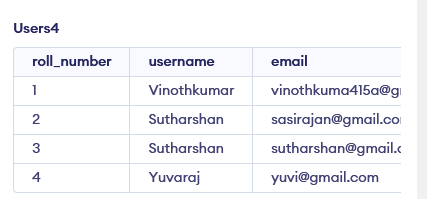




## UPDATE Statement:

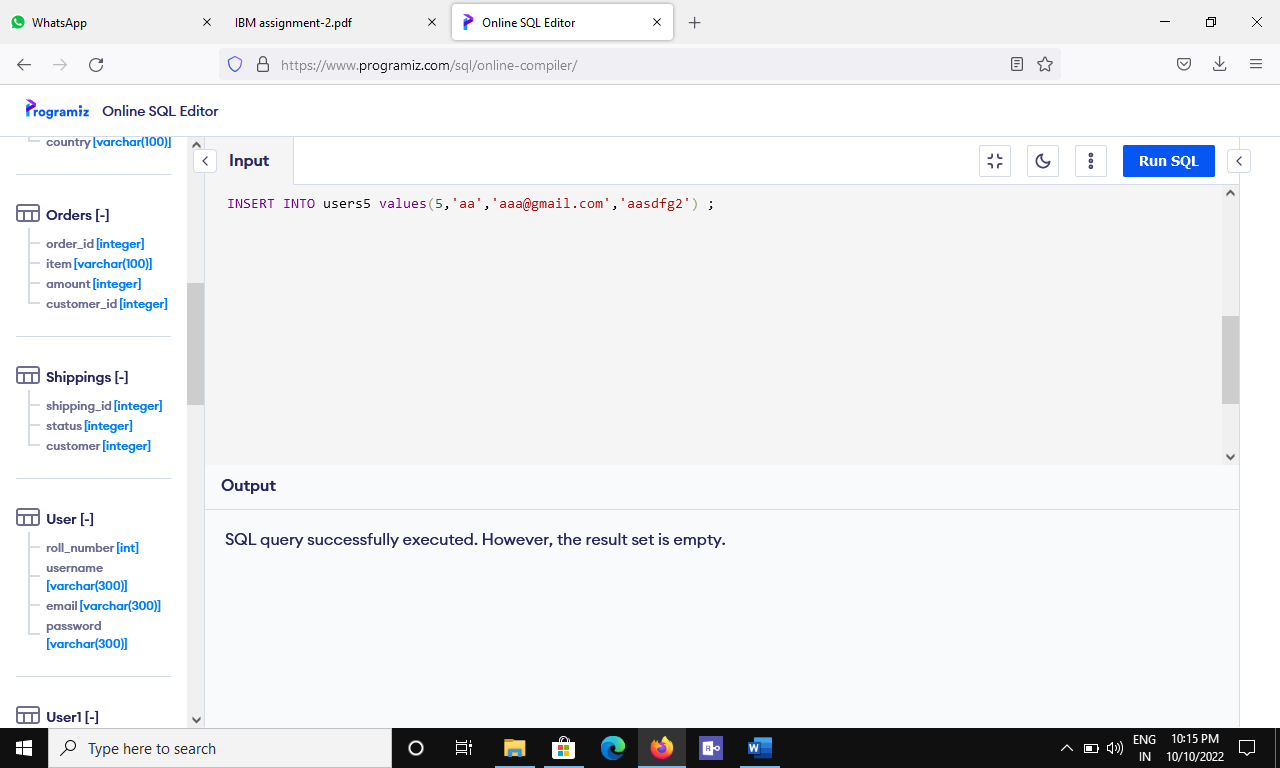
UPDATE users4 SET username = 'Sutharshan' WHERE roll\_number = '2';

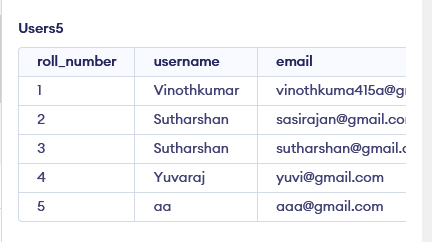




**Insert Statement:**

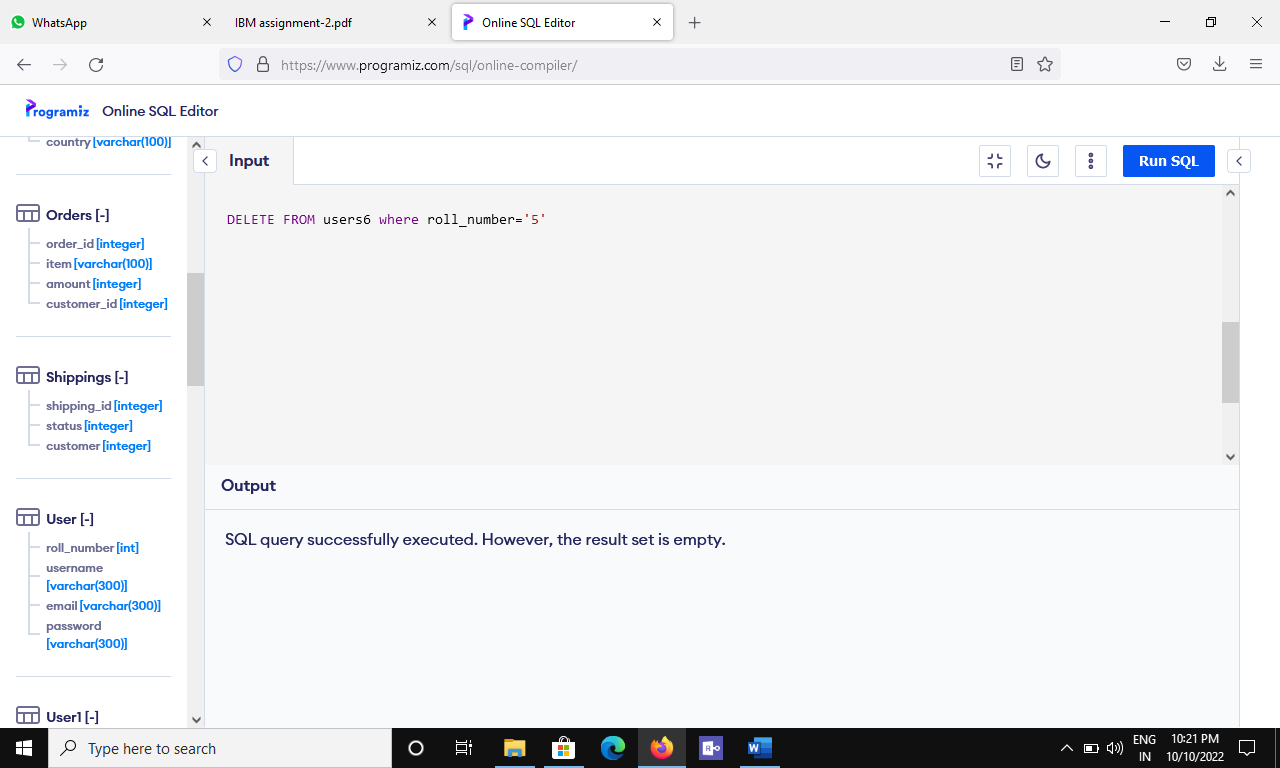
INSERT INTO users5 values(5,'aa','aaa@gmail.com','aasdfg2') ;

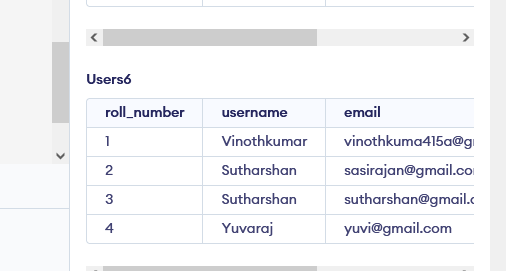




**DELETE Statement:**

DELETE FROM users6 where roll\_number='5'





Connect python with db2

conn = ibm\_db.connect("DATABASE=bludb;HOSTNAME=824dfd4d-99de-440d- 9991-

629c01b3832d.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=30119;SE CURITY=SSL

;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=lvq43963;PWD=BsnsG1l2s BgIRhVN",' ','')

from flask import Flask, render\_template, request, redirect, url\_for, session from flask\_mysqldb import MySQL

import MySQLdb.cursors import reapp = Flask( name )

app.secret\_key = 'your secret key' app.config['MYSQL\_HOST'] = 'localhost' app.config['MYSQL\_USER'] = 'root' app.config['MYSQL\_PASSWORD'] = 'your password' app.config['MYSQL\_DB'] = 'geeklogin'

mysql = MySQL(app) @app.route('/')

@app.route('/login', methods =['GET', 'POST']) def login():

msg = ''if request.method == 'POST' and 'username' in request.form and 'password' in request.form:

username = request.form['username'] password = request.form['password']

cursor = mysql.connection.cursor(MySQLdb.cursors.DictCursor) cursor.execute('SELECT \* FROM accounts WHERE username = % s AND password

= % s', (username, password, )) account = cursor.fetchone() if account:

session['loggedin'] = True session['id'] = account['id']

session['username'] = account['username'] 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('/logout') def logout():

session.pop('loggedin', None) session.pop('id', None) session.pop('username', None) return redirect(url\_for('login'))

@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 :

username = request.form['username'] password = request.form['password'] email = request.form['email']

cursor = mysql.connection.cursor(MySQLdb.cursors.DictCursor) cursor.execute('SELECT \* FROM accounts WHERE username = % s', (username, )) account = cursor.fetchone()

if account:

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:

cursor.execute('INSERT INTO accounts VALUES (NULL, % s, % s, % s)',

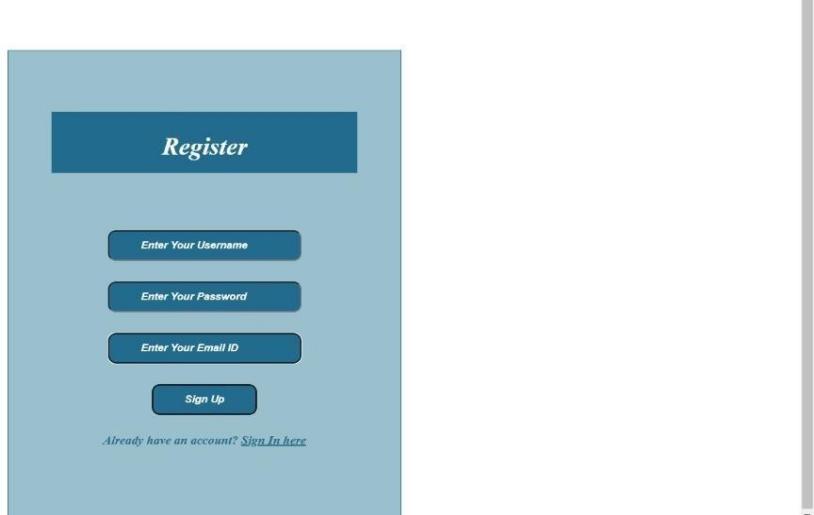
(username, password, email, ))

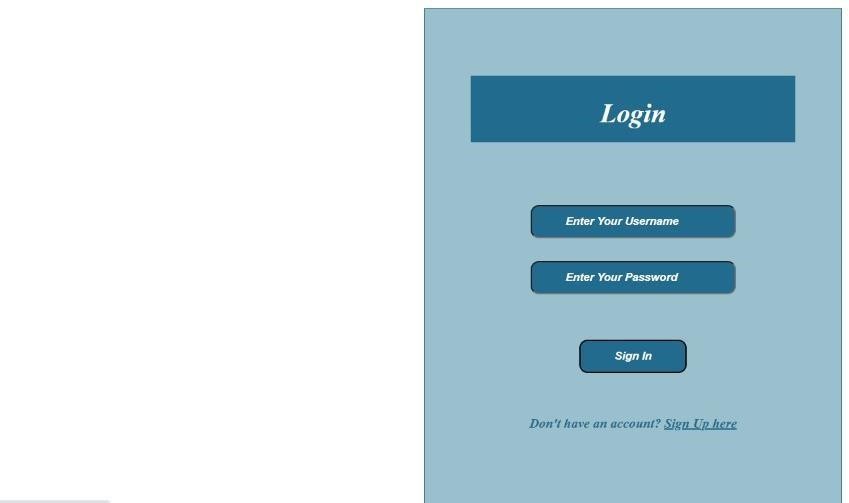
mysql.connection.commit()

msg = 'You have successfully registered !' elif request.method == 'POST':

msg = 'Please fill out the form !'

return render\_template('register.html', msg = msg)







****3) Write a flask program which should display resume details and also have upload resume option****

****by using file uploading.****

****UPLOAD.PY:****from flask import \*

app = Flask(\_\_name\_\_)

@app.route('/')

def upload():

    return render\_template("file\_upload\_form.html")

@app.route('/success', methods = ['POST'])

def success():

    if request.method == 'POST':

        f = request.files['file']

        f.save(f.filename)

        return render\_template("success.html", name = f.filename)

if \_\_name\_\_ == '\_\_main\_\_':

    app.run(debug = True)

**FILE\_UPLOAD\_FORM.HTML:**

<html>

<head>

    <title>upload</title>

</head>

<body>

    <form action = "/success" method = "post" enctype="multipart/form-data">

        <input type="file" name="file" />

        <input type = "submit" value="Upload">

    </form>

</body>

</html>

**SUCCESS.HTML:**

<html>

<head>

<title>success</title>

</head>

<body>

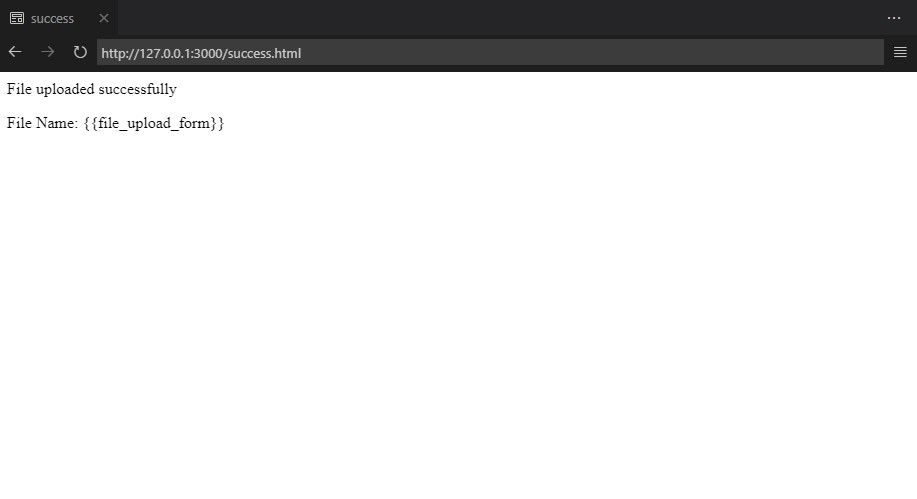
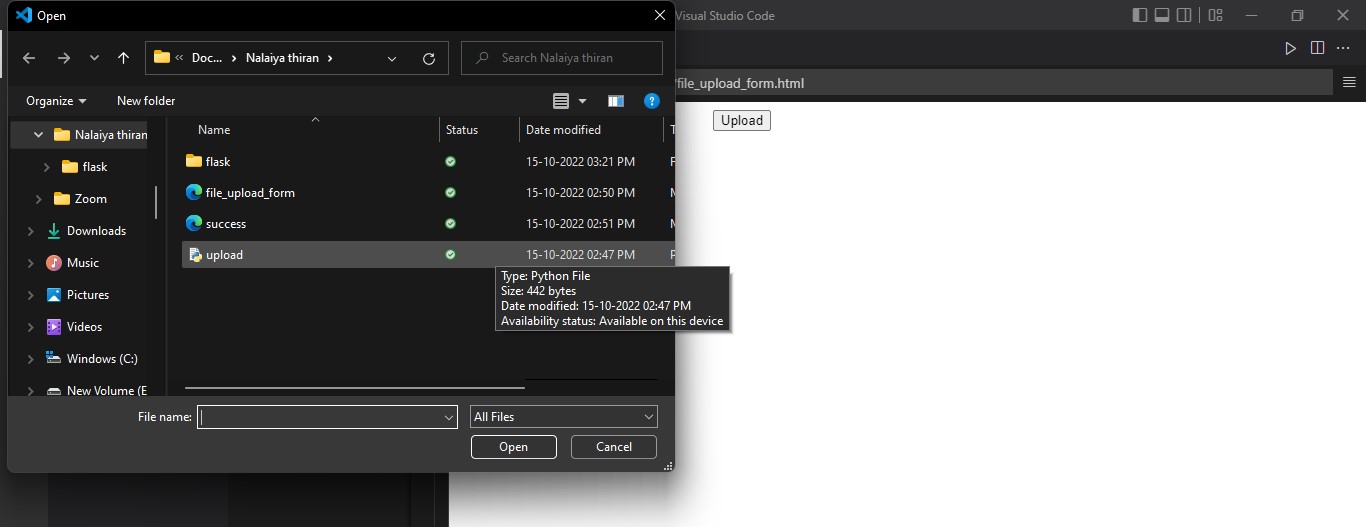
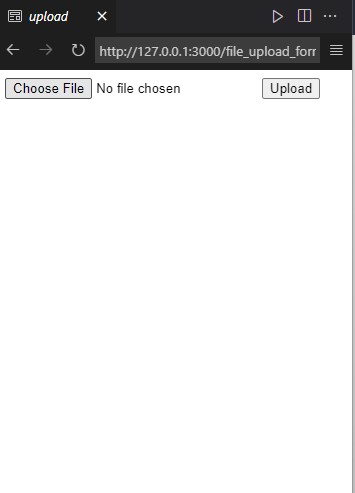
<p>File uploaded successfully</p>

<p>File Name: {{name}}</p>

</body>

</html>

**OUTPUT:**

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