1. Write a flask program for display name, email, phone
   * From flask import Flask

App = Flask(\_\_name\_\_)

@app.route(‘/’)

@app.route(‘/index/’)

Def hello():

Return ‘<h1>Hello, World!</h1>’

@app.route(‘/about/’)

Def about():

Return ‘<h3>This is a Flask web application.</h3>’

* Email sending in Flask-Mail is handled by an instance of a Mail class.

From flask import Flask

From flask\_mail import Mail

App = Flask(app\_name) # pick the name

Mail = Mail(app)

1. Write a flask program should cover cookies, sessions.

from flask import Flask, session

app = Flask(\_\_name\_\_)

app.config['SECRET\_KEY'] = 'super secret'

@app.route('/start\_counter')

def start\_counter():

session['count'] = 0

return 'New counter started!'

@app.route('/count')

def count():

count = session.get('count')

if isinstance(count, int):

session['count'] += 1

return str(session['count'])

return 'No counter set!'

@app.route('/get\_count')

def get\_count():

return str(session.get('count', 'No counter set!'))

@app.route('/clear\_count')

def clear\_count():

session.pop('count', None)

return 'Counter cleared!'

if \_\_name\_\_ == '\_\_main\_\_':

app.run(debug=True)

Cookie:

From flask import Flask, render\_template, request, redirect, url\_for, flash, make\_response

#...

@app.route(‘/cookie/’)

Def cookie():

Res = make\_response(“Setting a cookie”)

Res.set\_cookie(‘foo’, ‘bar’, max\_age=60\*60\*24\*365\*2)

Return res

3)Write flask program which should display resume details & also upload

def allowed\_file(filename):

return '.' in filename and \

filename.rsplit('.', 1)[1].lower() in ALLOWED\_EXTENSIONS

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

def upload\_file():

if request.method == 'POST':

# check if the post request has the file part

if 'file' not in request.files:

flash('No file part')

return redirect(request.url)

file = request.files['file']

# If the user does not select a file, the browser submits an

# empty file without a filename.

if file.filename == '':

flash('No selected file')

return redirect(request.url)

if file and allowed\_file(file.filename):

filename = secure\_filename(file.filename)

file.save(os.path.join(app.config['UPLOAD\_FOLDER'], filename))

return redirect(url\_for('download\_file', name=filename))

return '''

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