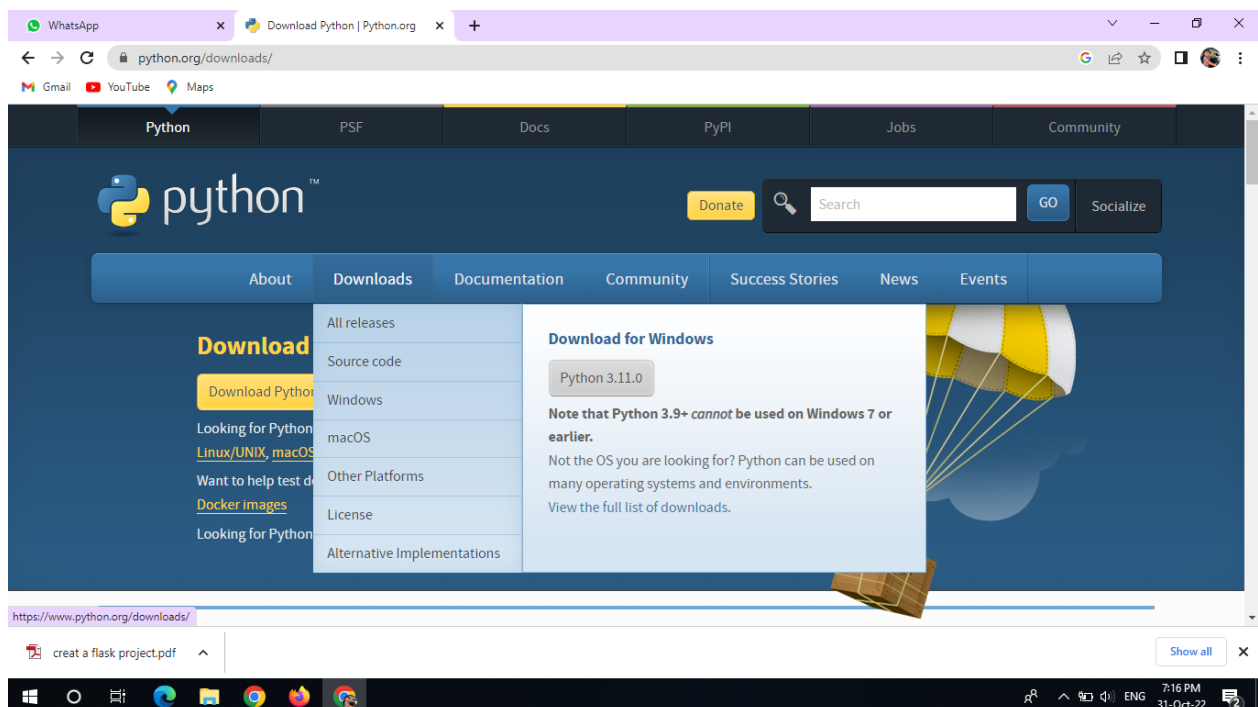


## Setting up Application Environment

### Create Flask Project

Date	31 October 2022
Team ID	PNT2022TMID50144
Project Name	Skill/Job Recommender Application

**Step 1.** Install Python latest version from python.org and while installing the file check the .exe option.



**Step 2.** Install Flask using command → *pip install flask*

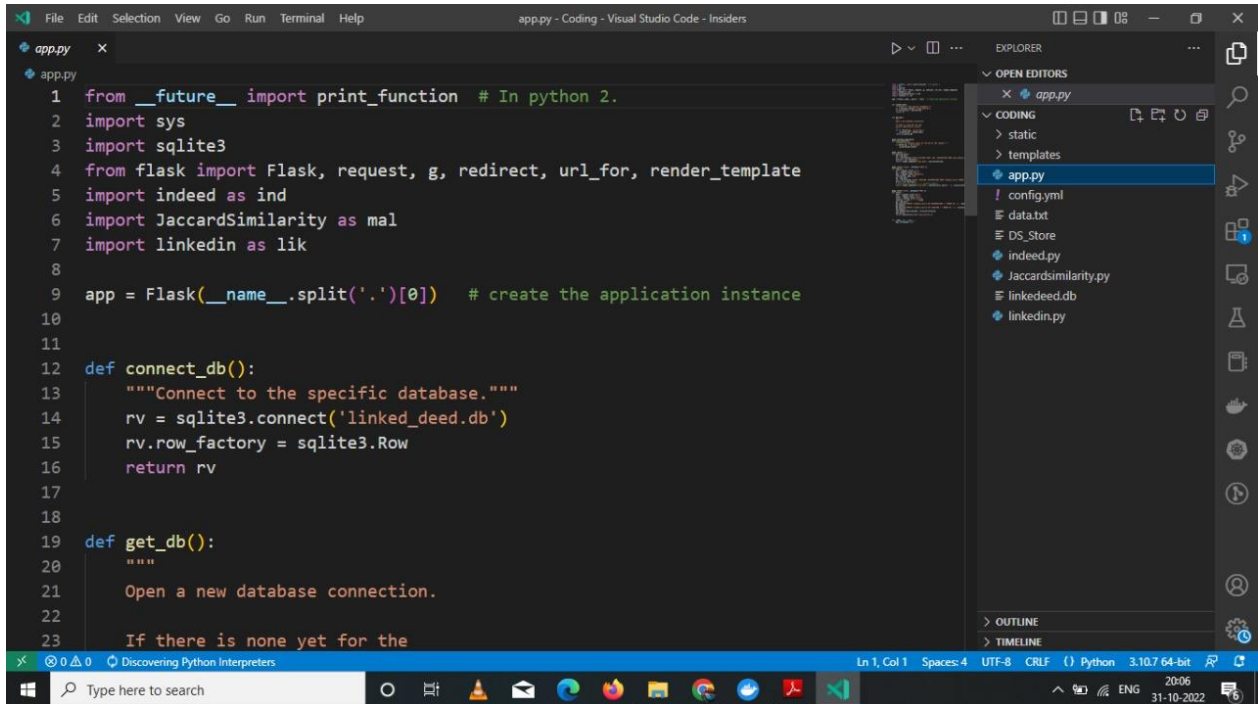
```

C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.2006]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ELCOT\Desktop\IBM Projects>python --version
Python 3.11.0

C:\Users\ELCOT\Desktop\IBM Projects>pip install flask
Collecting flask
  Downloading Flask-2.2.2-py3-none-any.whl (101 kB)
    ----- 101.5/101.5 kB 837.0 kB/s eta 0:00:00
Collecting Werkzeug>=2.2.2
  Downloading Werkzeug-2.2.2-py3-none-any.whl (232 kB)
    ----- 232.7/232.7 kB 2.0 MB/s eta 0:00:00
Collecting Jinja2>=3.0
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)
    ----- 133.1/133.1 kB 1.3 MB/s eta 0:00:00
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting click>=8.0
  Downloading click-8.1.3-py3-none-any.whl (96 kB)
    ----- 96.6/96.6 kB 1.1 MB/s eta 0:00:00
Collecting colorama
  Downloading colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Collecting MarkupSafe>=2.0
  Downloading MarkupSafe-2.1.1.tar.gz (18 kB)
  Preparing metadata (setup.py) ... done
Installing collected packages: MarkupSafe, itsdangerous, colorama, Werkzeug, Jinja2, click, flask
  DEPRECATION: MarkupSafe is being installed using the legacy 'setup.py install' method, because it does not have a 'pyproject.toml' and the 'wheel' package is not installed. pip 23.1 will enforce this behaviour change. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at https://github.com/pypa/pip/issues/8559
  Running setup.py install for MarkupSafe ... done
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.6 flask-2.2.2 itsdangerous-2.1.2
  
```

**Step 4.**Open Visual Studio Code and start coding:



```
1 from __future__ import print_function # In python 2.
2 import sys
3 import sqlite3
4 from flask import Flask, request, g, redirect, url_for, render_template
5 import indeed as ind
6 import JaccardSimilarity as mal
7 import linkedin as lik
8
9 app = Flask(__name__.split('.')[0]) # create the application instance
10
11
12 def connect_db():
13     """Connect to the specific database."""
14     rv = sqlite3.connect('linked_deed.db')
15     rv.row_factory = sqlite3.Row
16     return rv
17
18
19 def get_db():
20     """
21     Open a new database connection.
22
23     If there is none yet for the
```

**Step 5.** Save the code give the file name as app.py

**Step 6:** Go to the file location and open the command prompt - type the command → ***flask run***

**Step 7 :** Click the link or copy the address (<http://127.0.0.1:5000/>) then put into the any browser and click enter after that output will show in our screen:

