

# Setting Up Application Environment

## Create flask project

Date	11 Nov 2022
Team ID	PNT2022TMID46377
Project Name	Skill and Job Recommender Application
Team Members:	Pasupathy G, Arul M, Gopinath B, Ramaprabhakaran R

### Step 1:

Install the latest version of Python in your desktop, link: <https://www.python.org/downloads/>.

### Step 2:

After that, Create new file in your desktop and open command prompt here and type this below command to install the flask. Then the flask will install in few seconds as shown below:

***pip install Flask***

```
Microsoft Windows [Version 10.0.17763.864]
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C:\Users\ELCOT>pip install flask
WARNING: Ignoring invalid distribution -p (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -p (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -p (c:\python310\lib\site-packages)
Requirement already satisfied: flask in c:\python310\lib\site-packages (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\python310\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\python310\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\python310\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: click>=8.0 in c:\python310\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: colorama in c:\python310\lib\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in c:\python310\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)
WARNING: Ignoring invalid distribution -p (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -p (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
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WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -p (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
[notice] A new release of pip available: 22.2.1 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip
```

### Step 3:

Then you can check whether the flask is installed or not in a system, by typing these Command in Command Prompt: ***pip show flask***

```
Microsoft Windows [Version 10.0.17763.864]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\ELCOT>pip show flask
WARNING: Ignoring invalid distribution -p (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (c:\python310\lib\site-packages)
WARNING: Ignoring invalid distribution -p (c:\python310\lib\site-packages)
Name: Flask
Version: 2.2.2
Summary: A simple framework for building complex web applications.
Home-page: https://palletsprojects.com/p/flask
Author: Armin Ronacher
Author-email: armin.ronacher@active-4.com
License: BSD-3-Clause
Location: c:\python310\lib\site-packages
Requires: click, itsdangerous, Jinja2, Werkzeug
Required-by: Flask-Authlib-Client

C:\Users\ELCOT>
```

#### Step 4:

Open Visual Studio Code and enter the code given below,

```
from flask import Flask
app = Flask(__name__)

@app.route('/')
def hello_world():
    return 'Hello, World!'

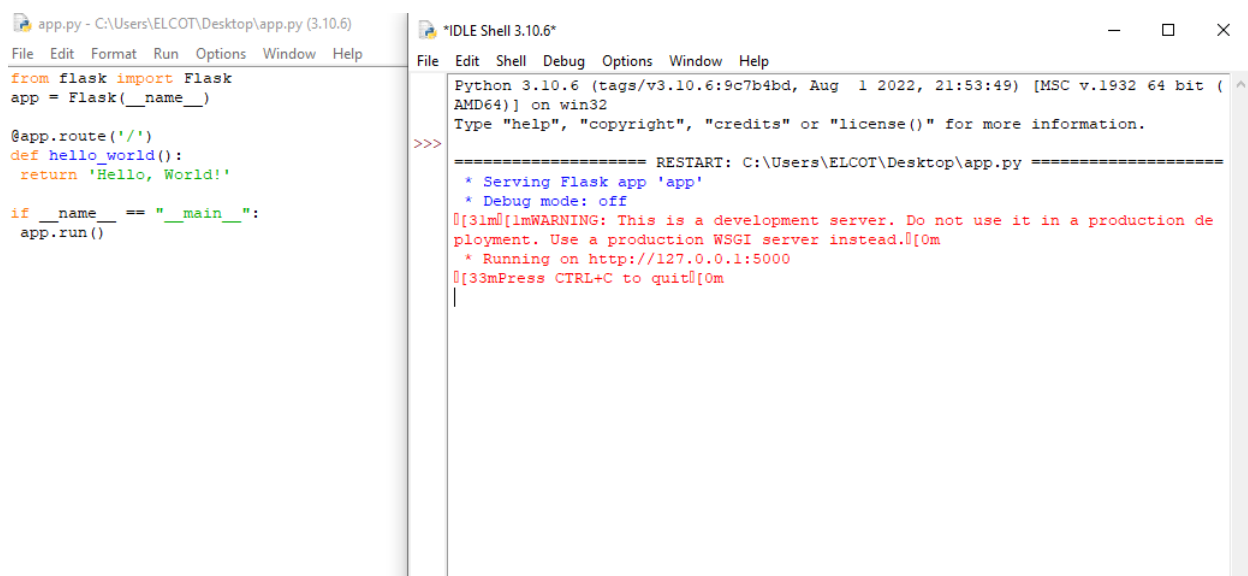
if __name__ == "__main__":
    app.run()
```

#### Step 5:

Save the code and give the file name as **app.py**.

#### Step 6:

Go to the file location and open python IDE and open **app.py** then run



The screenshot displays a Python IDE with two windows. The left window, titled 'app.py - C:\Users\ELCOT\Desktop\app.py (3.10.6)', contains the following code:

```
from flask import Flask
app = Flask(__name__)

@app.route('/')
def hello_world():
    return 'Hello, World!'

if __name__ == "__main__":
    app.run()
```

The right window, titled '\*IDLE Shell 3.10.6\*', shows the output of running the application. It starts with the Python version and architecture information, followed by a prompt for help. Then, it shows a restart command and the application's status:

```
>>>
===== RESTART: C:\Users\ELCOT\Desktop\app.py =====
* Serving Flask app 'app'
* Debug mode: off
[31m[1mWARNING: This is a development server. Do not use it in a production de
ployment. Use a production WSGI server instead.[0m
* Running on http://127.0.0.1:5000
[33mPress CTRL+C to quit[0m
```

#### Step 7:

Click the Link (or) Copy the address(<http://127.0.0.1:5000>) and put it, in the browser and click enter. Then the Result will be same as the below screenshot:



### Step 8:

Now, you have successfully completed the process of creating simple flask project.

