

# Setting Up Application Environment

## Create flask project

Date	24 OCT 2022
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Project Name	Skill and Job Recommender Application
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### 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
```

### Step 3:

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

```
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ruban>python --version
Python 3.9.6

C:\Users\ruban>pip install flask
Collecting flask
  Downloading Flask-2.2.2-py3-none-any.whl (101 kB)
    |#####| 101 kB 57 kB/s
Collecting Werkzeug>=2.2.2
  Downloading Werkzeug-2.2.2-py3-none-any.whl (232 kB)
    |#####| 232 kB 43 kB/s
Collecting Jinja2>=3.0
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)
    |#####| 133 kB 107 kB/s
Collecting click>=8.0
  Downloading click-8.1.3-py3-none-any.whl (96 kB)
    |#####| 96 kB 138 kB/s
Collecting importlib-metadata>=3.6.0
  Downloading importlib_metadata-5.0.0-py3-none-any.whl (21 kB)
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting colorama
  Downloading colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Collecting zipp>=0.5
  Downloading zipp-3.10.0-py3-none-any.whl (6.2 kB)
Collecting MarkupSafe>=2.0
  Downloading MarkupSafe-2.1.1-cp39-cp39-win_amd64.whl (17 kB)
Installing collected packages: zipp, MarkupSafe, colorama, Werkzeug, Jinja2, itsdangerous, importlib-metadata, click, flask
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 importlib-metadata-5.0.0 itsdangerous-2.1.2 zipp-3.10.0
WARNING: You are using pip version 21.1.3; however, version 22.3.1 is available.
You should consider upgrading via the 'c:\users\ruban\appdata\local\programs\python\python39\python.exe -m pip install --upgrade pip' command.

C:\Users\ruban>
C:\Users\ruban>pip install flask
Requirement already satisfied: flask in c:\users\ruban\appdata\local\programs\python\python39\lib\site-packages (2.2.2)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\ruban\appdata\local\programs\python\python39\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\ruban\appdata\local\programs\python\python39\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: importlib-metadata>=3.6.0 in c:\users\ruban\appdata\local\programs\python\python39\lib\site-packages (from flask) (5.0.0)
Requirement already satisfied: Jinja2>=3.0 in c:\users\ruban\appdata\local\programs\python\python39\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: click>=8.0 in c:\users\ruban\appdata\local\programs\python\python39\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: colorama in c:\users\ruban\appdata\local\programs\python\python39\lib\site-packages (from click>=8.0->flask) (0.4.6)
```

#### Step 4:

Open Visual Studio Code and enter the code given below,

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

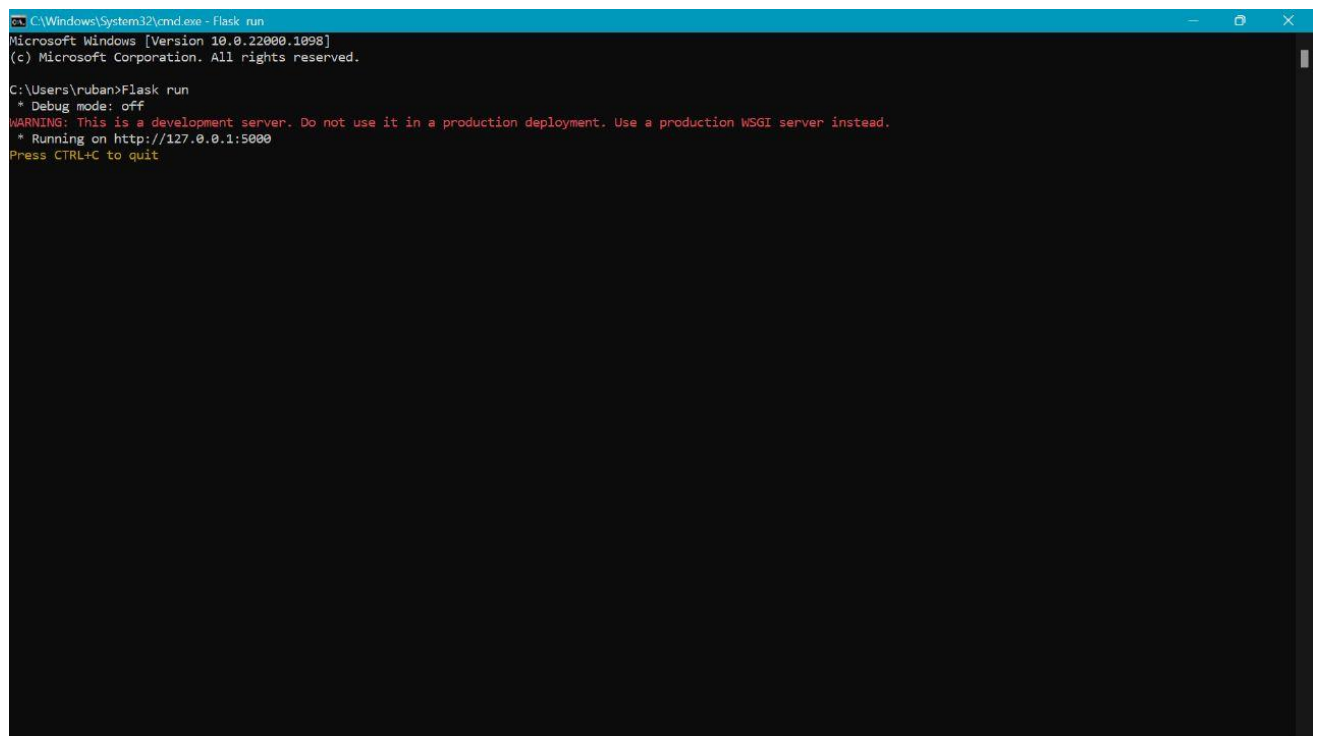
@app.route("/")
def hello_world():
    return "<p>Hello, World!</p>"
```

#### Step 5:

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

#### Step 6:

Go to the file location and open command prompt and type this command in command prompt: **Flask run**

A screenshot of a Windows Command Prompt window. The title bar reads 'C:\Windows\System32\cmd.exe - Flask run'. The window content shows the following text: 'Microsoft Windows [Version 10.0.22000.1098] (c) Microsoft Corporation. All rights reserved. C:\Users\ruban>Flask run \* Debug mode: off WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead. \* Running on http://127.0.0.1:5000 Press CTRL+C to quit'. The text is displayed in a monospaced font with some color coding (red for warnings, green for prompts).

#### 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:



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### Step 8:

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