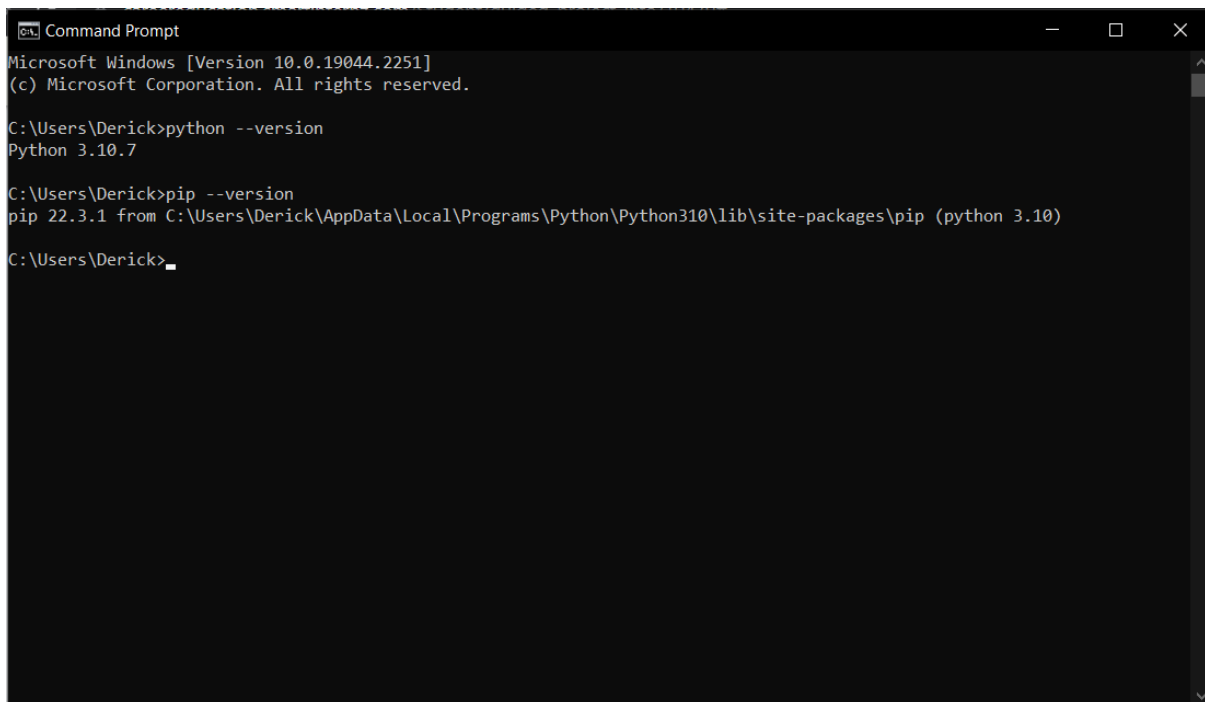


# Setting Up Environment

## Flask Installation

Date	30 October 2022
Team ID	PNT2022TMID14696
Project Name	Skill/Job Recommender
Team Members	B. Nishanth, B. Derick Prince, K. Vishwa, K. Madhan

**Python and pip has been installed:**



```
Command Prompt
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Derick>python --version
Python 3.10.7

C:\Users\Derick>pip --version
pip 22.3.1 from C:\Users\Derick\AppData\Local\Programs\Python\Python310\lib\site-packages\pip (python 3.10)

C:\Users\Derick>
```

## Create an environment

Create a project folder and a venv folder within

```
$ mkdir myflaskproject
$ cd myflaskproject
$ python3 -m venv venv
```

## Activate the environment

Before you work on your project, activate the corresponding environment

```
$ . venv/bin/activate
```

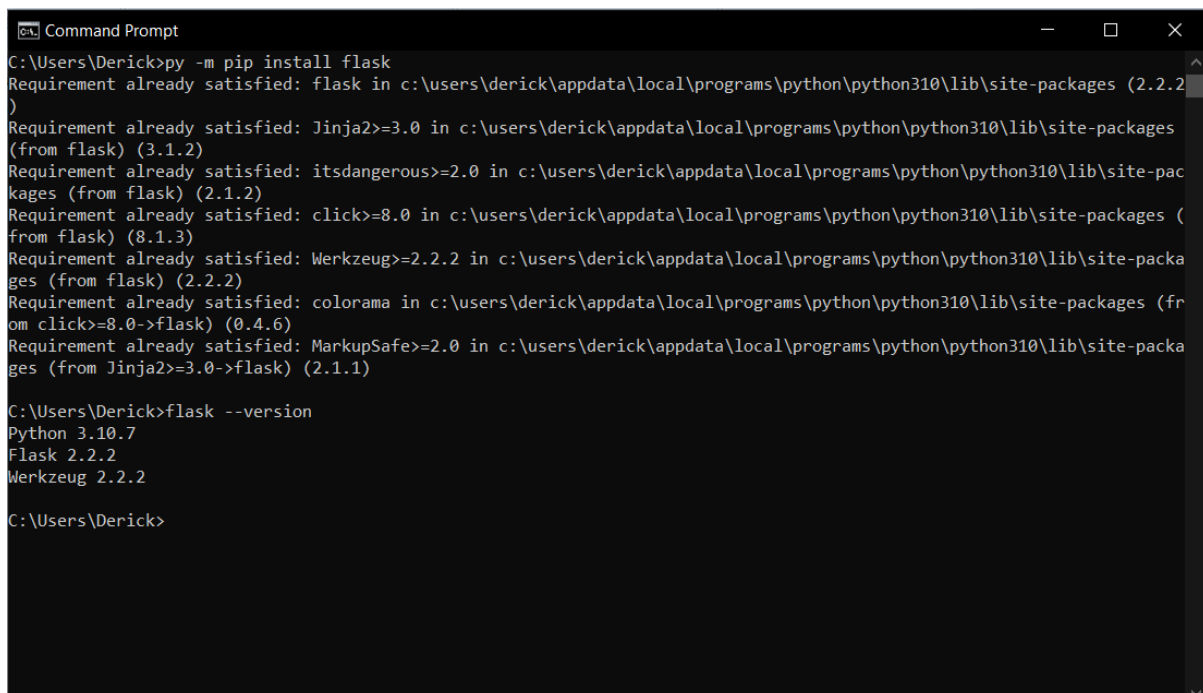
Your shell prompt will change to show the name of the activated environment.

## Install Flask

Within the activated environment, use the following command to install Flask

```
$ pip install Flask
```

Flask is now installed.

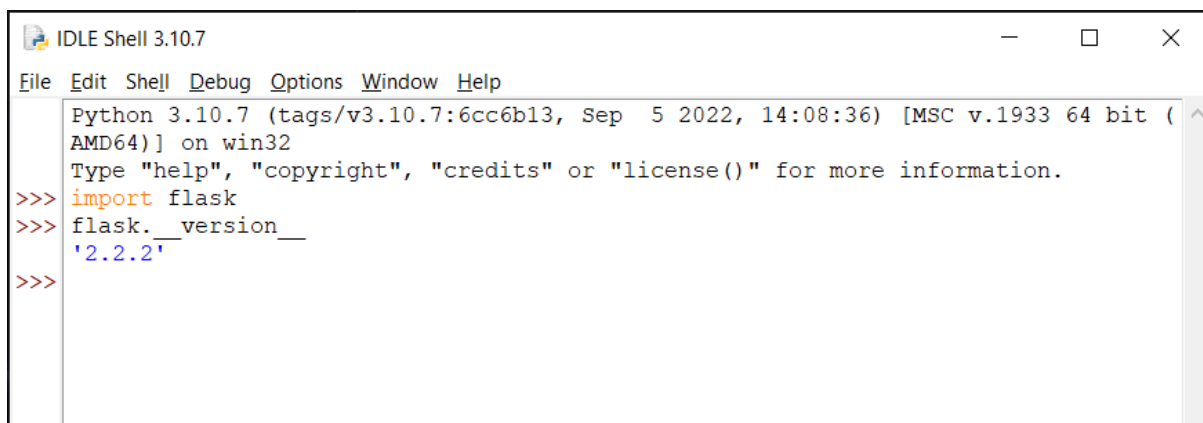


```
Command Prompt
C:\Users\Derick>py -m pip install flask
Requirement already satisfied: flask in c:\users\derick\appdata\local\programs\python\python310\lib\site-packages (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\derick\appdata\local\programs\python\python310\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\derick\appdata\local\programs\python\python310\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: click>=8.0 in c:\users\derick\appdata\local\programs\python\python310\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\derick\appdata\local\programs\python\python310\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: colorama in c:\users\derick\appdata\local\programs\python\python310\lib\site-packages (from click>=8.0->flask) (0.4.6)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\derick\appdata\local\programs\python\python310\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)

C:\Users\Derick>flask --version
Python 3.10.7
Flask 2.2.2
Werkzeug 2.2.2

C:\Users\Derick>
```

## Importing and checking flask version:



```
IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> import flask
>>> flask.__version__
'2.2.2'
>>>
```

# Flask Application

A minimal Flask application source code will look something like this

```
from flask import Flask
app = Flask(__name__)
@app.route("/")
def hello_world():
    return "Hello, World"
```

