

## Setting Up Application Environment

### Create Flask Project

Date	24 OCT 2022
Team ID	PNT2022TMID23214
Project Name	Real time river water quality monitoring and control system
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#### Step 1:

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

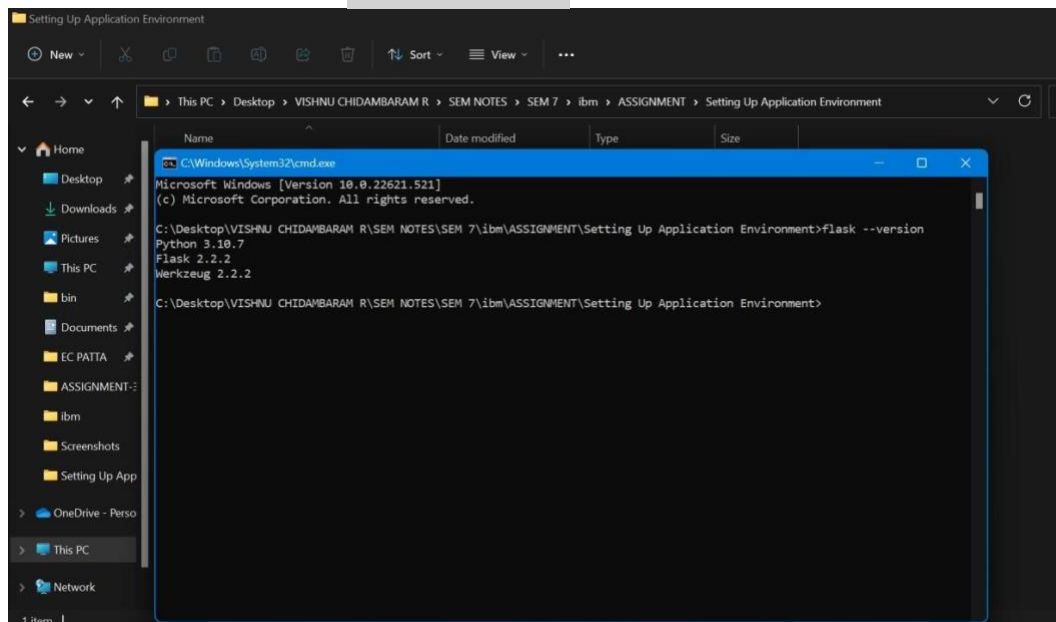
#### Step 2:

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 **Flask --version** Command Prompt:



#### Step 4:

Open Visual Studio Code and enter the code given below,

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

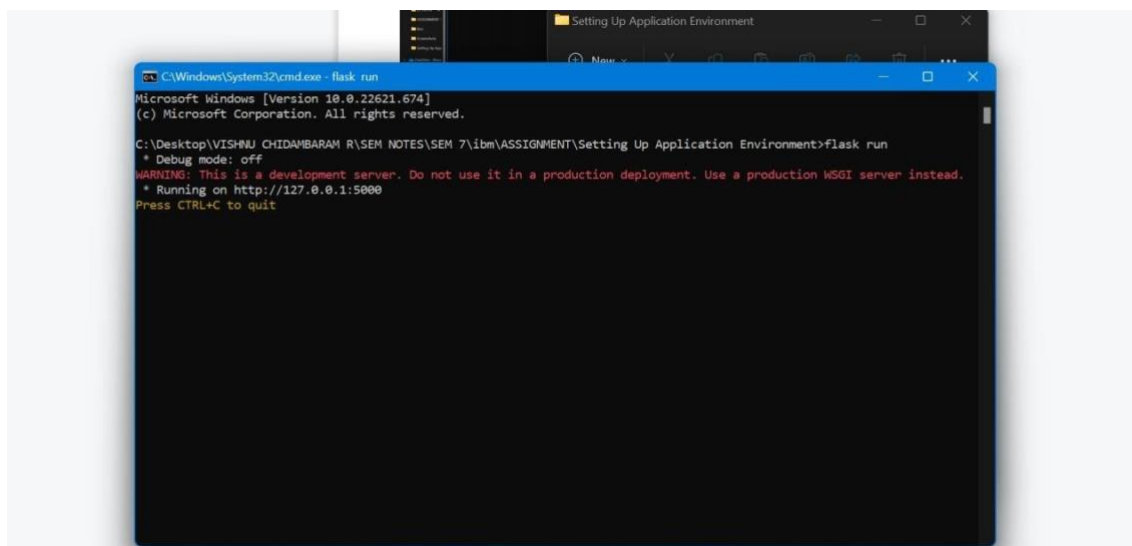
```
@app.route("/")
def hello_world(): return
"<p>Hello, World!</p>"
```

#### 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 **Flask run** prompt:



#### 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.