

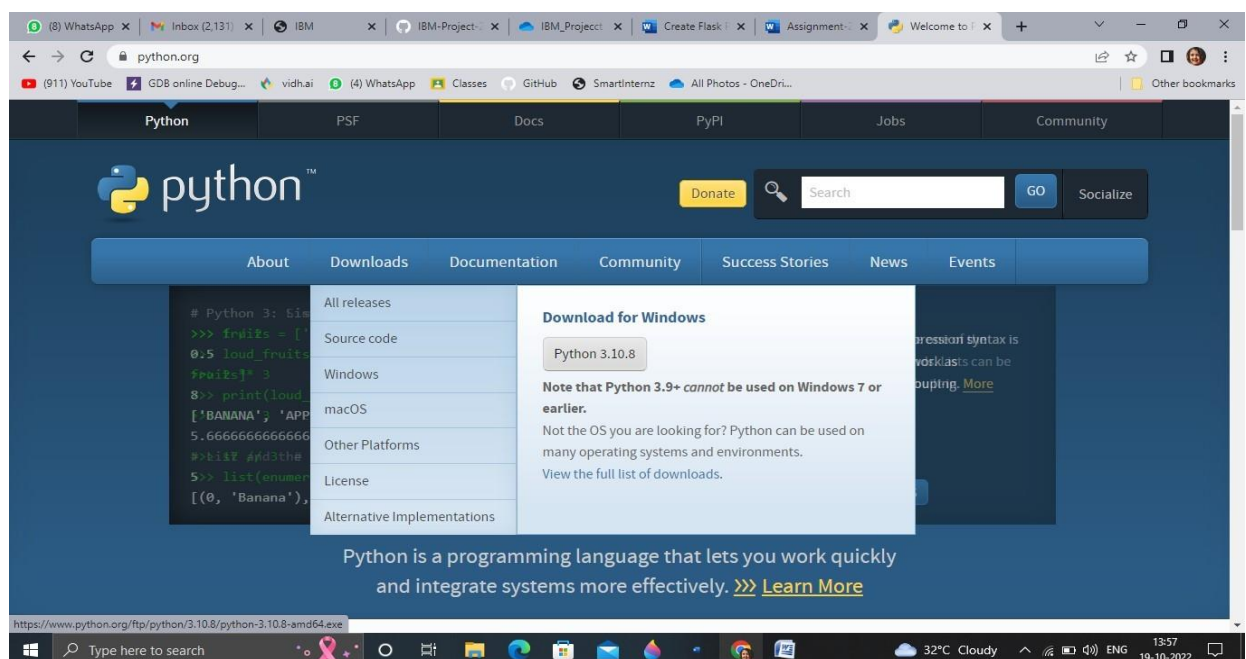
## SETTING UP APPLICATION ENVIRONMENT

### CREATE FLASK PROJECT

Following Steps have been followed to create Flask Project.

The Steps that we have followed have been described below

#### Step 1. Install Python latest version from python.org



#### Step 2. Install Flask using command pip install flask

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
PS C:\Users\sivas\Desktop\IBM\IBM VSCODE> pip install flask
Requirement already satisfied: flask in c:\users\sivas\anaconda3\lib\site-packages (1.1.2)
Requirement already satisfied: itsdangerous>=0.24 in c:\users\sivas\anaconda3\lib\site-packages (from flask) (1.1.0)
Requirement already satisfied: Jinja2>=2.10.1 in c:\users\sivas\anaconda3\lib\site-packages (from flask) (2.11.3)
Requirement already satisfied: Werkzeug>=0.15 in c:\users\sivas\anaconda3\lib\site-packages (from flask) (1.0.1)
Requirement already satisfied: click>=5.1 in c:\users\sivas\anaconda3\lib\site-packages (from flask) (7.1.2)
Requirement already satisfied: MarkupSafe>=0.23 in c:\users\sivas\anaconda3\lib\site-packages (from Jinja2>=2.10.1->flask) (1.1.1)
PS C:\Users\sivas\Desktop\IBM\IBM VSCODE>
```

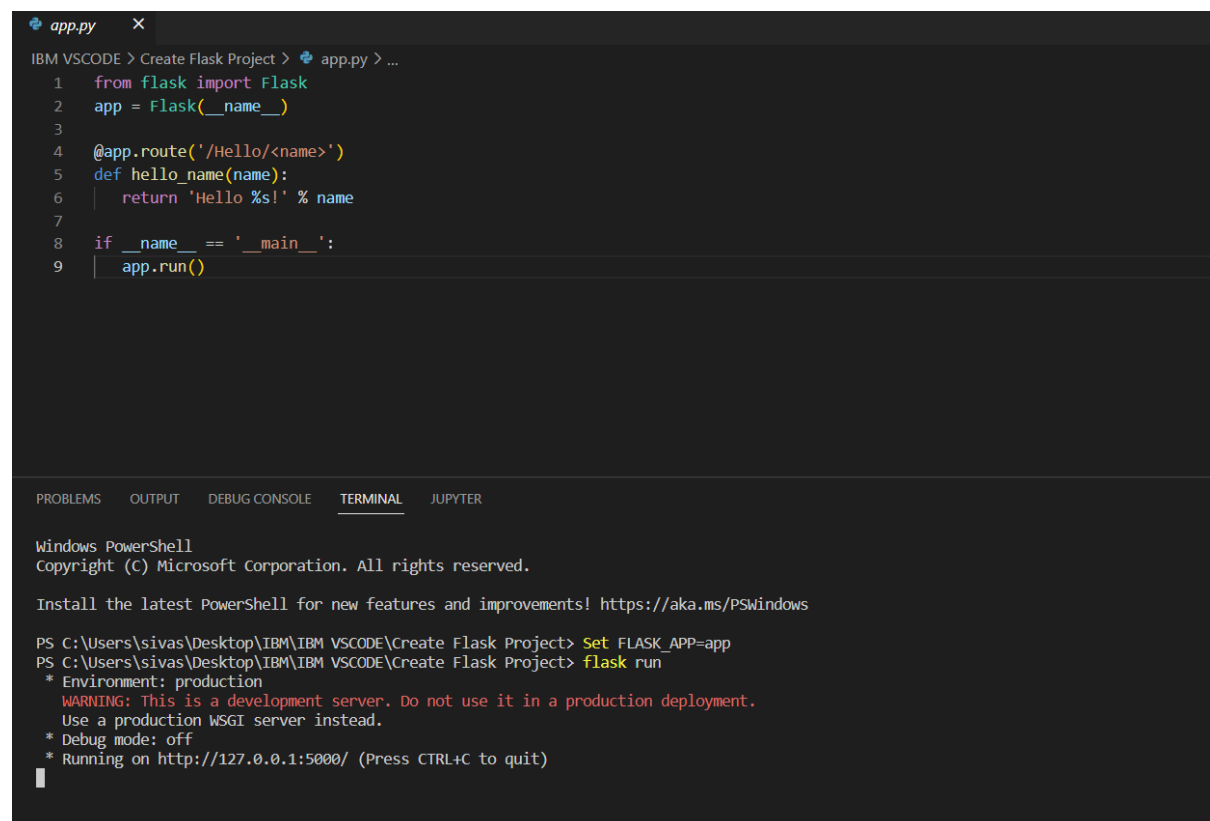
Step 3. Open a new Python file and start coding

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

@app.route('/Hello/<name>')
def hello_name(name):
    return 'Hello %s!' % name

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

Step 5. Run the Python file using Commands



The screenshot shows the Visual Studio Code (VS Code) editor interface. The top pane displays a Python file named `app.py` with the following code:

```
1 from flask import Flask
2 app = Flask(__name__)
3
4 @app.route('/Hello/<name>')
5 def hello_name(name):
6     return 'Hello %s!' % name
7
8 if __name__ == '__main__':
9     app.run()
```

The bottom pane shows the `TERMINAL` output, which includes the Windows PowerShell prompt and the execution of the `flask run` command:

```
IBM VSCODE > Create Flask Project > app.py > ...
1 from flask import Flask
2 app = Flask(__name__)
3
4 @app.route('/Hello/<name>')
5 def hello_name(name):
6     return 'Hello %s!' % name
7
8 if __name__ == '__main__':
9     app.run()

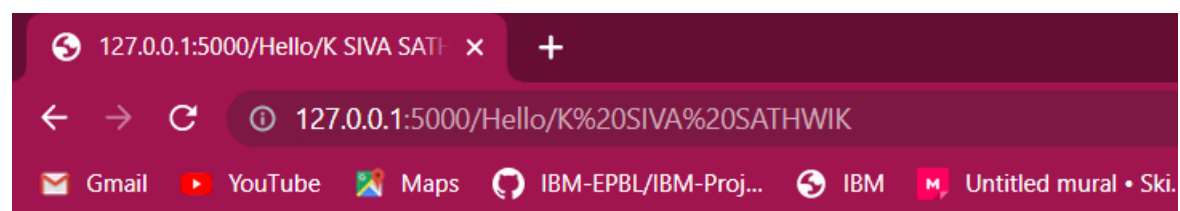
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Windows PowerShell
Copyright (c) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\sivas\Desktop\IBM\IBM VSCODE\Create Flask Project> Set FLASK_APP=app
PS C:\Users\sivas\Desktop\IBM\IBM VSCODE\Create Flask Project> flask run
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

Step 6: Open the Ip in browser



Hello K SIVA SATHWIK!