

## SETTING UP APPLICATION ENVIRONMENT

### CREATE FLASK PROJECT

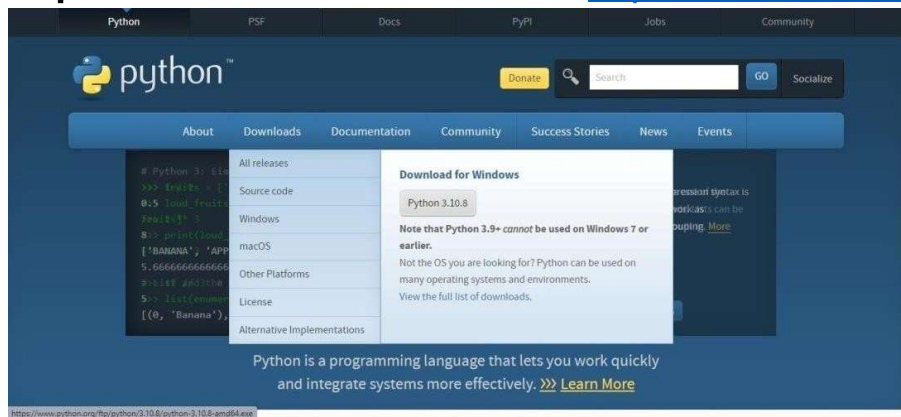
#### AIM:

Six 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.** Download Anaconda from <https://www.anaconda.com/>



and install it by running the .exe file



### Step 3. Install Flask using command pip install flask

```
Command Prompt
Microsoft Windows [Version 10.0.22000.1219]
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C:\Users\leelaraman>python --version
Python 3.10.8

C:\Users\leelaraman>pip install flask
Collecting flask
  Using cached Flask-2.2.2-py3-none-any.whl (101 kB)
Requirement already satisfied: click>=8.0 in c:\users\leelaraman\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from flask) (8.1.3)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\leelaraman\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from flask) (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\leelaraman\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from flask) (3.1.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\leelaraman\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from flask) (2.1.2)
Requirement already satisfied: colorama in c:\users\leelaraman\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from click>=8.0->flask) (0.4.6)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\leelaraman\appdata\local\packages\pythonsoftwarefoundation.python.3.10_qbz5n2kfra8p0\localcache\local-packages\python310\site-packages (from Jinja2>=3.0->flask) (2.1.1)
Installing collected packages: flask
Successfully installed flask-2.2.2

[notice] A new release of pip available: 22.2.2 -> 22.3.1
[notice] To update, run: C:\Users\leelaraman\AppData\Local\Microsoft\WindowsApps\PythonSoftwareFoundation.Python.3.10_qbz5n2kfra8p0\python.exe -m pip install --upgrade pip

C:\Users\leelaraman>
```

### Step 4. Open a new Python file and start coding

```
from flask import

Flask app = Flask(

name_____)

@app.route('/')

def hello():

    return "Hello World"

if __name__ == '__main__':

    app.run(debug=True)
```

## Step 5. Run the Python file using command python.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Leelaraman\Desktop> & 'C:\Users\Leelaraman\AppData\Local\Microsoft\WindowsApps\python3.10.exe' 'c:\Users\Leelaraman\.vscode\extensions\ms-python.p
ython-2022.18.2\pythonFiles\lib\python\debugpy\adapter\..\debugpy\launcher' '60383' '--' '-m' 'flask' 'run' '--no-debugger' '--no-reload'
* Serving Flask app 'app.py'
* Debug mode: on
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
PS C:\Users\Leelaraman\Desktop> █
```

## Step 6: Open the Ip in browser



Result:

Thus the flask project is created successfully.