

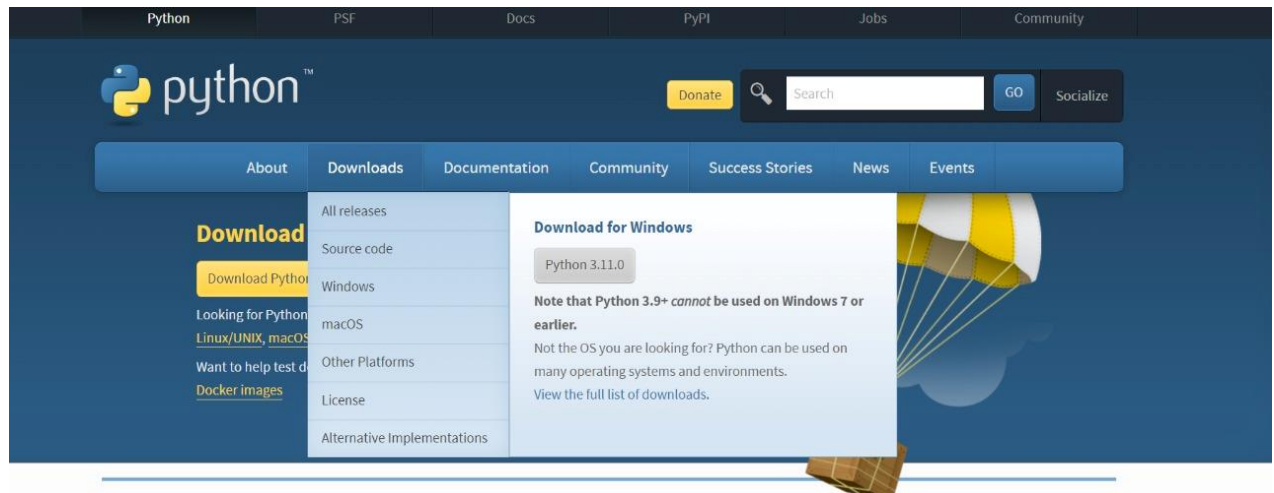
## SETTING UP APPLICATION ENVIRONMENT

### Create Flask Project

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



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

```

Select Command Prompt - python -m pip install --upgrade pip
Microsoft Windows [Version 10.0.22000.1219]
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C:\Users\vjaya>python --version
Python 3.7.4

C:\Users\vjaya>pip install flask
Collecting flask
  Downloading https://files.pythonhosted.org/packages/0f/43/15f4f9ab225b0b25352412e8daa3d0e3d135fcf5e127070c74c3632c8b4c/Flask-2.2.2-py3-none-any.whl (101kB)
    100% |#####| 102kB 594kB/s
Collecting Werkzeug>=2.2.2 (from flask)
  Downloading https://files.pythonhosted.org/packages/c8/27/be6ddbcbf60115305205de79c29004a0c6bc53cec814f733467b1bb89386d/Werkzeug-2.2.2-py3-none-any.whl (232kB)
    100% |#####| 235kB 670kB/s
Collecting Jinja2>=3.0 (from flask)
  Downloading https://files.pythonhosted.org/packages/bc/c3/f068337a370801f372f2f8f6bad74a5c140f6fda3d9de154052708dd3c65/Jinja2-3.1.2-py3-none-any.whl (133kB)
    100% |#####| 133kB 827kB/s
Collecting click>=8.0 (from flask)
  Downloading https://files.pythonhosted.org/packages/8c/27/f1/df59e28c642d583f7dafcbb1e0965d0e00b218e0186d7858ac5233dce840/click-8.1.3-py3-none-any.whl (96kB)
    100% |#####| 102kB 1.0MB/s
Collecting importlib-metadata>=3.6.0; python_version < "3.10" (from flask)
  Downloading https://files.pythonhosted.org/packages/b5/64/ef29a63cf08f047bb7fb22ab0f1f774b87eed0bb46d067a5a524798a4af8/importlib_metadata-5.0.0-py3-none-any.whl
Collecting itsdangerous>=2.0 (from flask)
  Downloading https://files.pythonhosted.org/packages/68/5f/447e04e828f47465eeab35b5d408b7ebaaee207f48b7136c5a7267a30ae/itsdangerous-2.1.2-py3-none-any.whl
Collecting MarkupSafe>=2.1.1 (from Werkzeug>=2.2.2->flask)
  Downloading https://files.pythonhosted.org/packages/7f/d7/a0ee1e3a608ca2f80c66c43c699ab063b4b8979c51f8299229b1960f6860/MarkupSafe-2.1.1-cp37-m-win32.whl
Collecting colorama; platform_system == "Windows" (from click>=8.0->flask)
  Downloading https://files.pythonhosted.org/packages/d1/d6/3965ed04c63042e047cb6a3e6ed1a63a35087b6a609aa3a15ed8ac56c221/colorama-0.4.6-py2.py3-none-any.whl
Collecting zipp>=0.5 (from importlib-metadata>=3.6.0; python_version < "3.10"->flask)
  Downloading https://files.pythonhosted.org/packages/40/8a/d63273ed0fa4a3d06f77e7b043f6577d8894e95515b0c187c52e20efabb/zipp-3.10.0-py3-none-any.whl
Collecting typing-extensions>=3.6.4; python_version < "3.8" (from importlib-metadata>=3.6.0; python_version < "3.10"->flask)
  Downloading https://files.pythonhosted.org/packages/0b/8e/f1a0a5a76cfe77e1eb6004cb49e5f8d72634da638420b9ea492ce8309e8/typing_extensions-4.4.0-py3-none-any.whl
Installing collected packages: MarkupSafe, Werkzeug, Jinja2, colorama, zipp, typing-extensions, importlib-metadata, click, itsdangerous, 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 typing-extensions-4.4.0 zipp-3.10.0
You are using pip version 19.0.3, however version 22.3.1 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.

C:\Users\vjaya>python -m pip install --upgrade pip
Collecting pip
  Downloading https://files.pythonhosted.org/packages/09/bd/2410905c76ee14c62baf69e3f4aa780226c1bbfc9485731ad018e35b0cb5/pip-22.3.1-py3-none-any.whl (2.1MB)
    100% |#####| 2.1MB 1.0MB/s
Installing collected packages: pip
  Found existing installation: pip 19.0.3
  Uninstalling pip-19.0.3:
    Successfully uninstalled pip-19.0.3

```

### Step 4: Open a new Python file and start coding from flask import

```

Flask app = Flask( name_)

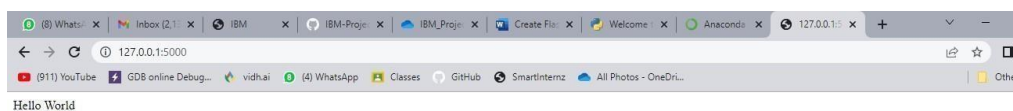
@app.route('/')

def hello():
    return“HelloWorld” if

__name__ == ' main
-
__': app.run(debug=True)

```

### Step 5 : Open the Ip in browser



### OUTPUT:

IBM Cloud CLI is installed successfully.