python

Shell | Bash
Scripting

Python – Anywhere Interpreters

Python - Online Interpreters

1) **Programiz** : https://www.programiz.com/python-programming/online-compiler/

2) **W3Schools** : https://www.w3schools.com/python/python_compiler.asp

3) **TutorialsPoint** : https://www.tutorialspoint.com/online_python_compiler.php

4) **Replit** : https://replit.com/languages/python3

5) **Scaler** : https://www.scaler.com/topics/python/online-python-compiler

6) **PYnative** : https://pynative.com/online-python-code-editor-to-execute-python-code/

Shell | Bash – Anywhere Compilers

Shell | Bash - Online Compilers

1) **Onlinegdb** : https://www.onlinegdb.com/online_bash_shell

2) **OneCompiler** : https://onecompiler.com/bash

3) **TutorialsPoint** : https://www.tutorialspoint.com/execute_bash_online.php

4) **Replit** : https://replit.com/languages/bash

5) **MyCompiler** : https://www.mycompiler.io/new/bash

6) JDoodle : https://www.jdoodle.com/test-bash-shell-script-online/

Python – How to use IDEs/Editors 🤔

IDEs for Python

1) **IDLE** : https://www.freecodecamp.org/news/hello-world-programming-tutorial-for-python/

2) **PyCharm** : https://data-flair.training/blogs/python-hello-world-program-create-run-your-first-python-program-in-pycharm/

3) **Visual Studio Code (VS Code)** : Python Tutorial

4) **Jupyter Notebook/JupyterLab** : https://www.dataquest.io/blog/jupyter-notebook-tutorial/

5) **Spyder** : https://www.jcchouinard.com/python-with-spyder-ide/

6) **Sublime Text** : https://itzone.com.vn/en/article/run-the-hello-world-application-with-sublime/

Shell|Bash – How to use IDEs/Editors 🤔

IDEs for Shell | Bash

1) **Visual Studio Code (VS Code)** : https://www.youtube.com/watch?v=S8Wjz0Jn_-o

2) **Sublime Text** : https://biancatamayo.me/blog/mini-blog-how-to-run-currently-opened-bash-script-in-sublime-text-3/

3) IntelliJ IDEA with Shell Script Plugin: https://www.jetbrains.com/help/idea/shell-scripts.html

4) Eclipse with EasyShell Plugin: https://anb0s.github.io/EasyShell/

5) Emacs: https://www.youtube.com/watch?v=--zavQ52sk4

6) Vim: https://www.youtube.com/watch?v=3DkSBs1Cxyw

-: Problem Statement :-

Print "Hello World" message

Key Points

For this series, I will be using below configurations -

OS - Ubuntu OS 22.04

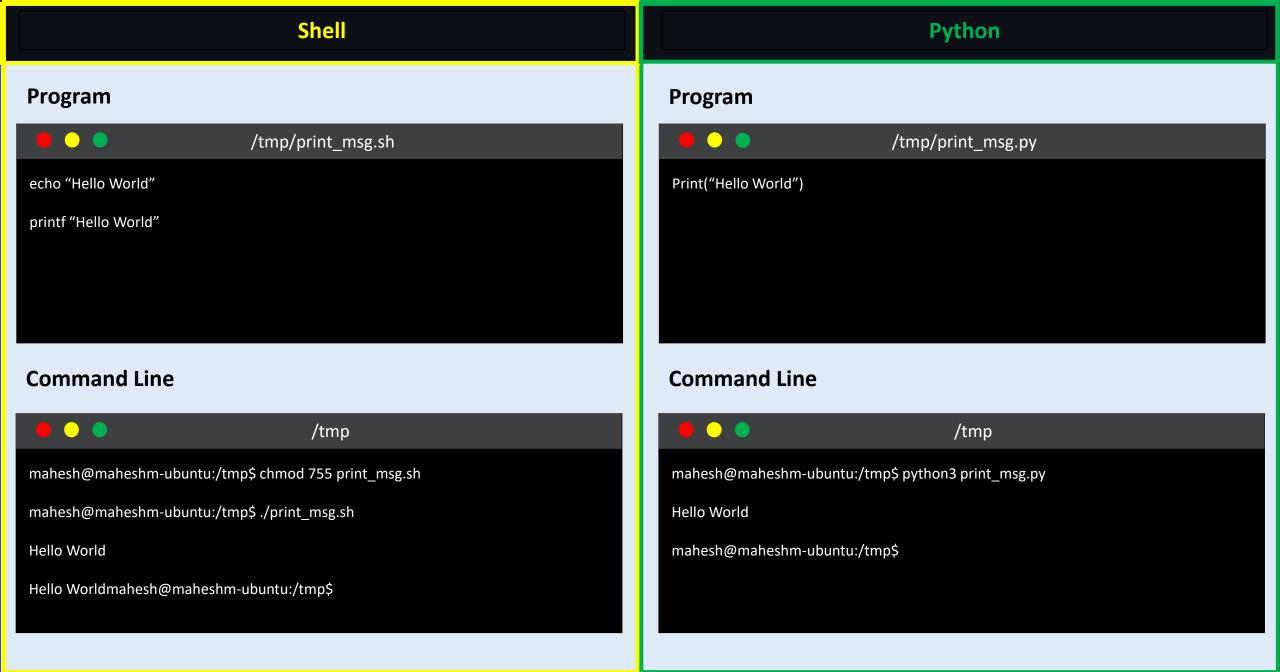**Editors/IDEs** - Vi Editor

Notes -

- To create python program use below command, remember extension for python program is **.py** –

vi script_name.py

- To create Shell | Bash script use below command, remember extension for Shell script could be different like **Bash, Zsh, Csh, Ksh**, and more but for Bash script is **.bash** –
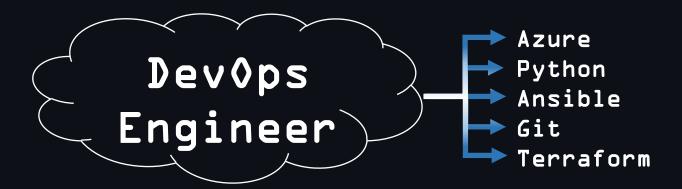
vi script_name.bash

Shell

Program

```
                          /tmp/print_msg.sh

echo "Hello World"

printf "Hello World"
```

Command Line

```
                          /tmp

mahesh@maheshm-ubuntu:/tmp$ chmod 755 print_msg.sh

mahesh@maheshm-ubuntu:/tmp$ ./print_msg.sh

Hello World

Hello Worldmahesh@maheshm-ubuntu:/tmp$
```

Python

Program

```
                          /tmp/print_msg.py

Print("Hello World")
```

Command Line

```
                          /tmp

mahesh@maheshm-ubuntu:/tmp$ python3 print_msg.py

Hello World

mahesh@maheshm-ubuntu:/tmp$
```

DevOps Engineer

- Azure
- Python
- Ansible
- Git
- Terraform

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GitHub :   https://github.com/themr255

TWS Community Builder : https://www.linkedin.com/company/trainwithshubham/

TWS YouTube Channel: https://www.youtube.com/@TrainWithShubham