

Assignment Screen-shots:

Ques1 : Output -

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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS SEARCH ERROR
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> python ./assignment/1_top_3_char_freq.py
Enter a String: HAPPIESTMINDS
I: 2
P: 2
S: 2
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> █
```

Ques 2 : Output -

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS SEARCH ERROR

taskhostw.exe: 2
QASvc.exe: 1
ZSATrayManager.exe: 1
SystemSettingsBroker.exe: 1
ipf_helper.exe: 1
sihost.exe: 1
ZSATray.exe: 1
ZSATunnel.exe: 1
StartMenuExperienceHost.exe: 1
SecurityHealthSystray.exe: 1
unsecapp.exe: 1
ms-teams.exe: 1
notepad.exe: 2
Microsoft.SharePoint.exe: 1
powershell.exe: 3
uhssvc.exe: 1
LockApp.exe: 1
SCNotification.exe: 1
pwa-helper.exe: 1
CodeSetup-stable-31c37ee8f63491495ac49e43b8544550fbae4533.exe: 1
QAAgent.exe: 1
CalculatorApp.exe: 1
CompPkgSrv.exe: 1
QAAdminAgent.exe: 1
dasHost.exe: 1
ShellExperienceHost.exe: 1
Video.UI.exe: 1
ZSAUpm.exe: 1
python.exe: 1
pythonw.exe: 2
IGCCTray.exe: 1
SystemSettings.exe: 1
msiexec.exe: 1
pacjsworker.exe: 1
UserOOBEBroker.exe: 1
cmd.exe: 1
IGCC.exe: 1
```

Ques 3: Output :-

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS SEARCH ERROR
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> python ./assignment/3_monitoring_app.py
Number of instances of notepad.exe: 2
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> █
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS SEARCH ERROR
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> python ./assignment/3_monitoring_app.py
Exceeded the maximum allowed instances of notepad.exe
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> █
```

Ques 4 Output:1(using_built_in_function)

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS SEARCH ERROR
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> python ./assignment/4_reverse_using_inbuilt_func.py
Suraj is name My
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> █
```

Ques 4 Output:2(without_using_built_in_func)

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS SEARCH ERROR
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> python ./assignment/4_reverse_without_inbuilt_func.py
Enter the sentence: My name is Suraj
Suraj is name My
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> █
```

Ques 5 output:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS SEARCH ERROR
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> python ./assignment/5_fibonacci.py
Enter the number of terms: 6
Fibonacci Sequence is:
0 1 1 2 3 5
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> █
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS SEARCH ERROR
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> python ./assignment/5_fibonacci.py
Enter the number of terms: 10
Fibonacci Sequence is:
0 1 1 2 3 5 8 13 21 34
PS C:\Users\Aniruddha.sharma\OneDrive - Happiest Minds Technologies Limited\Desktop\Python> █
```