SECURE CODING
LAB 4

APUROOPA NATTE
18BCE7055

Changing triggers:
Intermediate:

```
 1) SCHTASKS /CREATE /SC MONTHLY /MO FIRST /D MON /TN
"18BCE7293_WEEKENDS\Notepad task" /TR

"C:\Users\HP\PycharmProjects\helloworld\helloworld.exe" /ST 22:38
```

Command:

```
2) WHERE /R c:\ calc
 output: c:\Windows\System32\calc.exe
c:\Windows\SysWOW64\calc.exe

c:\Windows\WinSxS\amd64_microsoft-windows-calc_31bf3856ad364e35_10.0.19041.1_none_
5faf0ebeba197e78\calc.exe

c:\Windows\WinSxS\wow64_microsoft-windows-calc_31bf3856ad364e35_10.0.19041.1_none_
6a03b910ee7a4073\calc.exe
```

```
3) SCHTASKS /CREATE /SC MINUTE /MO 5 /TN "Executor" /TR

"c:\Windows\WinSxS\wow64_microsoft-windows-calc_31bf3856ad364e35_10.0.19041.1_none_
6a03b910ee7a4073\calc.exe" /ST 21:27

 4) SCHTASKS /Create /SC DAILY /TN "Executor2" /TR

"C:\Windows\System32\notepad.exe" /ST 17:00 /ET 17:40 /K
```

ADVANCED :

```
C:\WINDOWS\system32>SCHTASKS /Create /SC DAILY /TN "Internet_Logger" /TR "netstat -n
5 > scan.txt" /ST 09:37 /ET 09:58 /K
SUCCESS:
The scheduled task "Internet_Logger" has successfully been created. SCHTASKS /Create /SC
DAILY /TN "Defragmentation" /TR "defrag /E 10> scan.txt" /ST 10:00
```

To lock your PC(Win + L):

```
 import ctypes
 Ctypes.windll.user3
```

To clear your recycle bin :

```
import os
import subprocess
import winshell
from random import randint
from time import sleep
```

```
import os
import subprocess
import winshell
from random import randint
from time import sleep
def main():
file_size = os.path.getsize('C:')
print("{} kb of data will be removed".format(file_size))
del_dir = r'c:\windows\temp'
# Could this just be os.rmdir(del_dir)???
process = subprocess.Popen('rmdir /S /Q {}'.format(del_dir), shell=True,
stdout=subprocess.PIPE, stderr=subprocess.PIPE)
_ = process.communicate()
return_code = process.returncode
if return_code == 0:
print('Success: Cleaned Windows Temp Folder')
else:
print('Fail: Unable to Clean Windows Temp Folder')
winshell.recycle_bin().empty(confirm=False, show_progress=False,
sound=False)
# Is this important?
# sleep(randint(4, 6))
input("Press any key to continue")
```

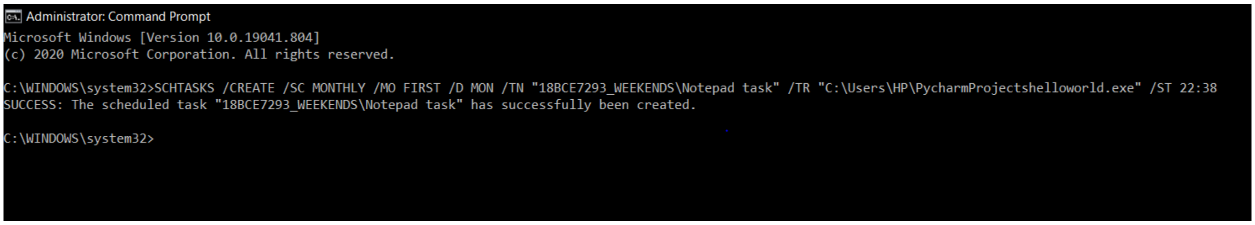
```
if __name__ == '__main__':
main()
```

```
Rundll32.exe user32.dll,LockWorkStation

powercfg /SETACVALUEINDEX SCHEME_CURRENT SUB_VIDEO VIDEOCONLOCK 1500

 C:\WINDOWS\system32>rd /q /s c:\$Recycle.Bin

 C:\WINDOWS\system32>rd /q /s e:\$Recycle.Bin
```

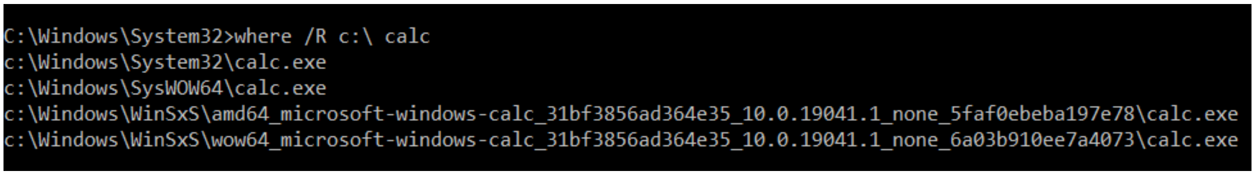


Administrator: Command Prompt

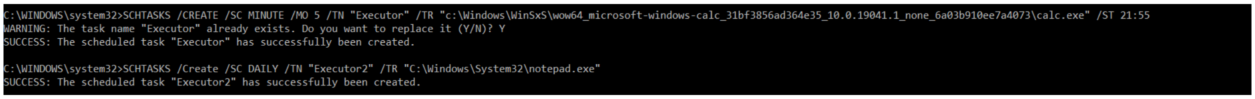
```
Microsoft Windows [Version 10.0.19041.804]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>SCHTASKS /CREATE /SC MONTHLY /MO FIRST /D MON /TN "18BCE7293_WEEKENDS\Notepad task" /TR "C:\Users\HP\PycharmProjectshelloworld.exe" /ST 22:38
SUCCESS: The scheduled task "18BCE7293_WEEKENDS\Notepad task" has successfully been created.

C:\WINDOWS\system32>
```

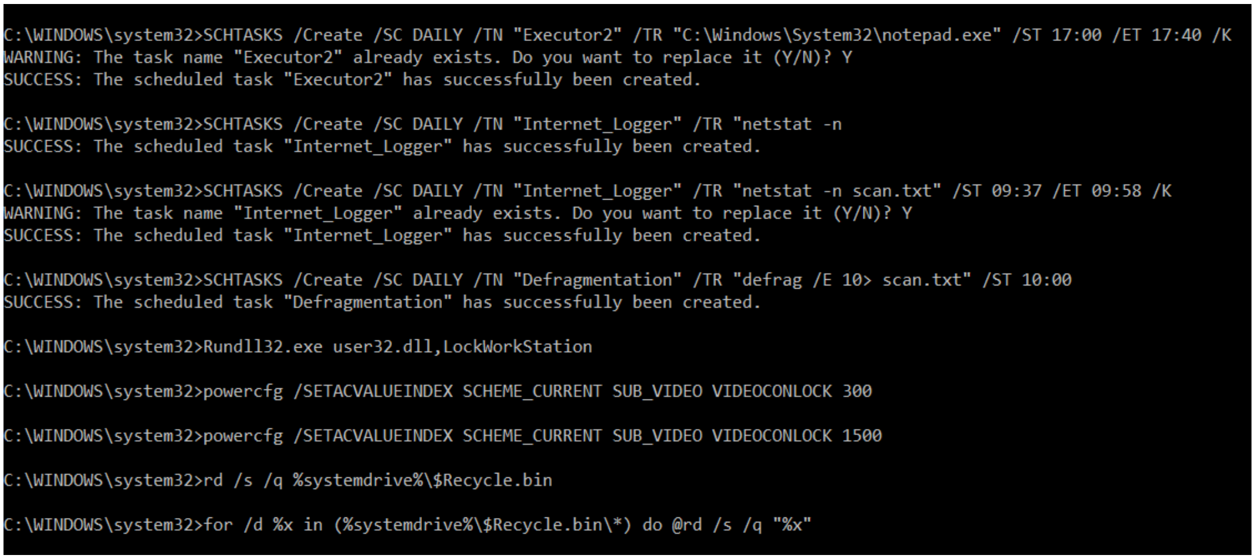


```
C:\Windows\System32>where /R c:\ calc
c:\Windows\System32\calc.exe
c:\Windows\SysWOW64\calc.exe
c:\Windows\WinSxS\amd64_microsoft-windows-calc_31bf3856ad364e35_10.0.19041.1_none_5faf0ebeba197e78\calc.exe
c:\Windows\WinSxS\wow64_microsoft-windows-calc_31bf3856ad364e35_10.0.19041.1_none_6a03b910ee7a4073\calc.exe
```



```
C:\WINDOWS\system32>SCHTASKS /CREATE /SC MINUTE /MO 5 /TN "Executor" /TR "c:\Windows\WinSxS\wow64_microsoft-windows-calc_31bf3856ad364e35_10.0.19041.1_none_6a03b910ee7a4073\calc.exe" /ST 21:55
WARNING: The task name "Executor" already exists. Do you want to replace it (Y/N)? Y
SUCCESS: The scheduled task "Executor" has successfully been created.

C:\WINDOWS\system32>SCHTASKS /Create /SC DAILY /TN "Executor2" /TR "C:\Windows\System32\notepad.exe"
SUCCESS: The scheduled task "Executor2" has successfully been created.
```



```
C:\WINDOWS\system32>SCHTASKS /Create /SC DAILY /TN "Executor2" /TR "C:\Windows\System32\notepad.exe" /ST 17:00 /ET 17:40 /K
WARNING: The task name "Executor2" already exists. Do you want to replace it (Y/N)? Y
SUCCESS: The scheduled task "Executor2" has successfully been created.

C:\WINDOWS\system32>SCHTASKS /Create /SC DAILY /TN "Internet_Logger" /TR "netstat -n
SUCCESS: The scheduled task "Internet_Logger" has successfully been created.

C:\WINDOWS\system32>SCHTASKS /Create /SC DAILY /TN "Internet_Logger" /TR "netstat -n scan.txt" /ST 09:37 /ET 09:58 /K
WARNING: The task name "Internet_Logger" already exists. Do you want to replace it (Y/N)? Y
SUCCESS: The scheduled task "Internet_Logger" has successfully been created.

C:\WINDOWS\system32>SCHTASKS /Create /SC DAILY /TN "Defragmentation" /TR "defrag /E 10> scan.txt" /ST 10:00
SUCCESS: The scheduled task "Defragmentation" has successfully been created.

C:\WINDOWS\system32>Rundll32.exe user32.dll,LockWorkStation

C:\WINDOWS\system32>powercfg /SETACVALUEINDEX SCHEME_CURRENT SUB_VIDEO VIDEOCONLOCK 300

C:\WINDOWS\system32>powercfg /SETACVALUEINDEX SCHEME_CURRENT SUB_VIDEO VIDEOCONLOCK 1500

C:\WINDOWS\system32>rd /s /q %systemdrive%\$Recycle.bin

C:\WINDOWS\system32>for /d %x in (%systemdrive%\$Recycle.bin\*) do @rd /s /q "%x"
```