

CSE-2010

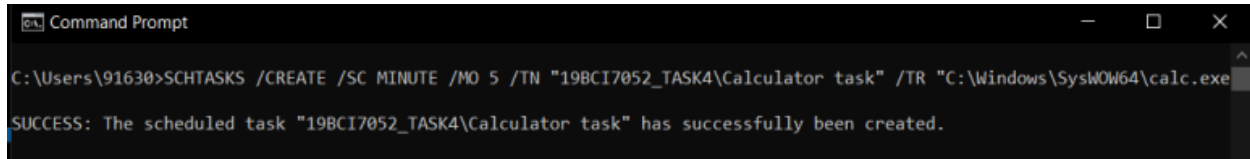
Secure Coding(L23 + L24)

Lab – 4

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19BCN7092

- Schedule a task named “Executer” on your machine to run calculator for every five minutes starting from the specified start time with no end



```
Command Prompt
C:\Users\91630>SCHEDTASKS /CREATE /SC MINUTE /MO 5 /TN "19BCI7052_TASK4\Calculator task" /TR "C:\Windows\System32\cmd.exe"
SUCCESS: The scheduled task "19BCI7052_TASK4\Calculator task" has successfully been created.
```

- Mid-level Write a python script to print hello world

```
Command Prompt

D:\SecCod_LAB\lab4>python hello.py
Hello world!!!

D:\SecCod_LAB\lab4>python setup.py install
running install
running build
running install_egg_info
Removing C:\python\Lib\site-packages\UNKNOWN-0.0.0-py3.6.egg-info
Writing C:\python\Lib\site-packages\UNKNOWN-0.0.0-py3.6.egg-info

D:\SecCod_LAB\lab4>python setup.py py2exe
running py2exe

1 missing Modules
-----
? readline                                imported from cmd, code, pdb
Building 'dist\hello.exe'.
Building shared code archive 'dist\library.zip'.
Copy c:\python\python36.dll to dist
Copy C:\python\DLLs\select.pyd to dist\select.pyd
Copy C:\python\DLLs\pyexpat.pyd to dist\pyexpat.pyd
Copy C:\python\DLLs\unicodedata.pyd to dist\unicodedata.pyd
Copy C:\python\DLLs\_socket.pyd to dist\_socket.pyd
Copy C:\python\DLLs\_bz2.pyd to dist\_bz2.pyd
Copy C:\python\DLLs\_lzma.pyd to dist\_lzma.pyd
Copy C:\python\DLLs\_hashlib.pyd to dist\_hashlib.pyd
Copy C:\python\DLLs\_ssl.pyd to dist\_ssl.pyd
Copy C:\python\DLLs\_ctypes.pyd to dist\_ctypes.pyd

D:\SecCod_LAB\lab4>cd dist

D:\SecCod_LAB\lab4\dist>hello.exe
Hello world!!!
```

- **2. Scheduling the task**

SCHTASKS /CREATE /SC MONTHLY /TN "19BCN7092_TASK5\PYTHON EXECUTION" /TR "D:\SecCod_LAB\lab4\dist\hello.exe" /MO FIRST /D MON SUCCESS: The scheduled task "19BCN7092_TASK5\PYTHON EXECUTION" has successfully been created.

Administrator: Command Prompt

Microsoft Windows [Version 10.0.19042.804]

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C:\WINDOWS\system32>POWERCFG /ENERGY

Enabling tracing for 60 seconds...

Observing system behavior...

Analyzing trace data...

Analysis complete.

Energy efficiency problems were found.

9 Errors

11 Warnings

63 Informational

See C:\WINDOWS\system32\energy-report.html for more details.

C:\WINDOWS\system32>POWERCFG /LASTWAKE

Wake History Count - 1

Wake History [0]

Wake Source Count - 0

C:\WINDOWS\system32>POWERCFG /HIBERNATE ON

C:\WINDOWS\system32>POWERCFG /HIBERNATE OFF

C:\WINDOWS\system32>POWERCFG /A

The following sleep states are available on this system:

Standby (S3)

The following sleep states are not available on this system:

Standby (S1)

The system firmware does not support this standby state.

Standby (S2)

The system firmware does not support this standby state.

Hibernate

Hibernation has not been enabled.

Standby (S0 Low Power Idle)

The system firmware does not support this standby state.

```
C:\WINDOWS\system32>POWERCFG /DEVICEQUERY S1_SUPPORTED
Microsoft Bluetooth LE Enumerator
USB Root Hub (USB 3.0)
USB Root Hub (USB 3.0) (001)
Root Print Queue
DTS Audio Hardware Support Application
Volume Manager
OnePlus Bullets Wireless Z Hands-Free AG Audio
WAN Miniport (PPPOE)
Microsoft Basic Display Driver
Realtek Audio Universal Service
AMD High Definition Audio Device
Headphones (Realtek(R) Audio)
OneNote for Windows 10
Kaspersky Security Data Escort Adapter
WAN Miniport (PPTP)
Microsoft Wi-Fi Direct Virtual Adapter #3
Microsoft Wi-Fi Direct Virtual Adapter #4
Microsoft Hyper-V Virtualization Infrastructure Driver
AMD-UWP Version Control
WAN Miniport (IKEv2)
Composite Bus Enumerator
Microsoft Virtual Drive Enumerator
Microsoft Storage Spaces Controller
Microsoft Kernel Debug Network Adapter
DTS AP04x Service Component
Microsoft Bluetooth Enumerator
Microphone (Realtek(R) Audio)
HID-compliant mouse
USB Input Device
Microphone Array (Realtek(R) Audio)
Fax
Bluetooth Device (RFCOMM Protocol TDI)
Realtek Asio Component
```