Secure Coding Lab – 4

Dasari Mohan Amritesh 18BCN7038

Write a python script to print hello world:

print("Hello world")

x=input("Press Enter to exit:")



<u>Convert the script into executable (use pyinstaller or py2exe – any of your choice).</u>:

C:\Users\dmamr\Desktop\Secure lab temp>pyinstaller temp.py

```
electCommand Prompt
Seers\damm\Desktop\Secure lab temp>pyinstaller temp.py
INFO: PyInstaller: 4.2
INFO: Python: 3.8.5
INFO: Python: 3.8.5
INFO: Pithor: Windows-10-10.0.19041-SP0
INFO: Puthor: Windows-10-10.0.250ccure lab temp\temp.spec
**Users Name (Deskrop) Secure Ind Lempsynstaller (esp.pp In IRC) Professional Profe
                                            INFO: Building Tree Pre- M2.ton
ext Command Prompt

INFO: Looking for ctypes DLLs

INFO: Looking for ctypes DLLs

INFO: Looking for ctypes DLLs

INFO: Including run-time hook 'e:\python 3.8.5\\lib\\site-packages\\PyInstaller\\hooks\\rthooks\\pyi_rth_multiprocessing.py'

INFO: Looking for dynamic libraries

INFO: Looking for eggs

INFO: Using Python library e:\python 3.8.5\python38.dll

INFO: Found binding redirects:
             863 INFO: Using Python library e: hypthon 3.8.5\python38.411
868 INFO: Origin brinding referects:

970 INFO: Marnings written to C:\Users\dmamr\Desktop\Secure lab temp\build\temp\warn-temp.txt

970 INFO: Marnings written to C:\Users\dmamr\Desktop\Secure lab temp\build\temp\warn-temp.txt

971 INFO: Graph rows-reference written to C:\Users\dmamr\Desktop\Secure lab temp\build\temp\Px=0.pxt

972 INFO: Building PYZ Ceremice written to C:\Users\dmamr\Desktop\Secure lab temp\build\temp\PYZ-00.pyz

973 INFO: Building PYZ (ZilbArchive) C:\Users\dmamr\Desktop\Secure lab temp\build\temp\PYZ-00.pyz

974 INFO: Building PYZ (ZilbArchive) C:\Users\dmamr\Desktop\Secure lab temp\build\temp\PYZ-00.pyz

975 INFO: Building PYZ (ZilbArchive) C:\Users\dmamr\Desktop\Secure lab temp\build\temp\PYZ-00.pyz

975 INFO: Building PYE (Grachive) PYE-00.pkg

976 INFO: Building PYE (Grachive) PYE-00.pkg

976 INFO: Building PYE (Grachive) PYE-00.pkg

977 INFO: Building PYE (Grachive) PYE-00.pkg

978 INFO: Building PYE (Grachive) PYE-00.toc is non existent

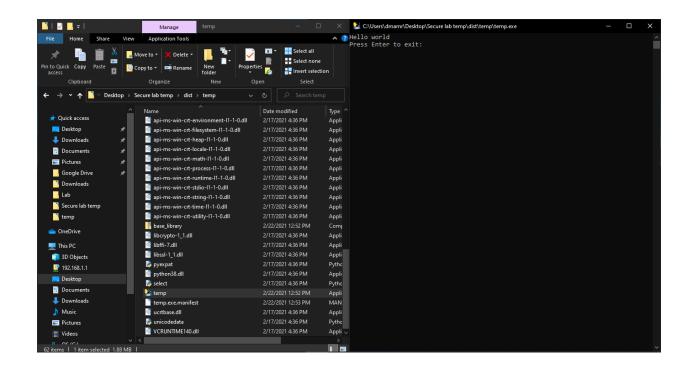
979 INFO: Building PYE (Grachive) PYE-00.toc

979 INFO: Building PYE (Grachive) PYE-00.toc

979 INFO: Building PYE (Grachive) PYE-00.toc

970 INFO: Building PYE-00.toc

970 INFO: Building
```



Schedule a task named "Python execution" to run the above executable on the first Monday of every month.

C:\Users\dmamr>schtasks /create /tn Python_Execution /tr "C:\Users\dmamr\Desktop\Secure lab temp\dist\temp\temp.exe" /sc weekly /mo 4 /d MON



Schedule a task named "Executor" on your machine to run calculator for every five minutes starting from the specified start time with no end.

C:\Users\dmamr>schtasks /create /tn executor /tr "calculator.exe" /sc minute /mo 5

C:\Users\dmamr>schtasks /create /tn executor /tr "calculator.exe" /sc minute /mo 5 SUCCESS: The scheduled task "executor" has successfully been created. C:\Users\dmamr>_

Schedule a task named "Executor2" to run notepad starting at 5:00PM and automatically terminating at 5:40PM hours every day.

C:\Users\dmamr>schtasks /create /tn Executer2 /tr "notepad.exe" /sc daily /st 17:00 /et 17:40

```
EX Command Prompt

Microsoft Windows [Version 10.0.19042.804]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\dmamr>schtasks /create /tn Python_Execution /tr "C:\Users\dmamr\Desktop\Secure lab temp\dist\temp\temp.exe" /sc weekly /mo 4 /d MON SUCCESS: The scheduled task "Python_Execution" has successfully been created.

C:\Users\dmamr>schtasks /create /tn executor /tr "calculator.exe" /sc minute /mo 5 SUCCESS: The scheduled task "executor" has successfully been created.

C:\Users\dmamr>schtasks /create /tn Executer2 /tr "notepad.exe" /sc daily /st 17:00 /et 17:40 SUCCESS: The scheduled task "Executer2" has successfully been created.

C:\Users\dmamr>
```

Schedule a task to defragment any of your local disk daily at 10AM

C:\Users\dmamr>schtasks /create /tn Executor3 /tr "defrag.exe C:" /sc daily /st 10:00

```
© Select Command Prompt

Microsoft Windows [Version 10.0.19042.804]
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C:\Users\dmamr>schtasks /create /tn Executor3 /tr "defrag.exe C:" /sc daily /st 10:00

SUCCESS: The scheduled task "Executor3" has successfully been created.

C:\Users\dmamr>
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PowerCFG:

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Standby (S2)
The system frameare does not support this standby state.

Standby (S2)
The system frameare does not support this standby state.

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The system frameare does not support this standby state.

Standby (S2)
The system frameare does not support this standby state.

Standby (S6) Low Power Id1e)
The system frameare does not support this standby state.

Hybrid Sleep
The hypervisor does not support this standby state.

C:\Users\dmam>
```

Write a script to perform the following jobs:

To lock your windows PC (Windows+L):

import ctypes

ctypes.windll.user32.LockWorkStation()

To clear your Recycle Bin:

import winshell

winshell.recycle_bin().empty(confirm=False, show_progress=False, sound=False)