

CSE 2010 || Secure Coding

WIN 20-21

Lab: 4

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```
C:\Users\morth\Desktop\19bcn7056>python3 pyphello.py
Hello, world!
```

```
Command Prompt
C:\Users\morth\Desktop\19bcn7056>cd..
C:\Users\morth\Desktop>cd..
C:\Users\morth>pip install pyinstaller
Collecting pyinstaller
  Downloading pyinstaller-4.2.tar.gz (3.6 MB)
    Installing build dependencies ... done
    Getting requirements to build wheel ... done
    Preparing wheel metadata ... done
Collecting pyinstaller-hooks-contrib>=2020.6
  Downloading pyinstaller-hooks-contrib-2020.11-py2.py3-none-any.whl (172 kB)
Requirement already satisfied: setuptools in c:\program files\windowsapps\pythonsoftwarefoundation.python.3.9.3.9.752.0_x64_qbz5n2kfra8p0\lib\site-packages (from pyinstall
er) (49.2.1)
Collecting altgraph
  Downloading altgraph-0.17-py2.py3-none-any.whl (21 kB)
Collecting pywin32-ctypes>=0.2.0; sys_platform == "win32"
  Downloading pywin32-ctypes-0.2.0-py2.py3-none-any.whl (28 kB)
Collecting pefile>=2017.4.1; sys_platform == "win32"
  Downloading pefile-2019.4.18.tar.gz (62 kB)
Collecting future
  Downloading future-0.18.2.tar.gz (829 kB)
Using legacy 'setup.py install' for pefile, since package 'wheel' is not installed.
Using legacy 'setup.py install' for future, since package 'wheel' is not installed.
Building wheels for collected packages: pyinstaller
  Building wheel for pyinstaller (PEP 517) ... done
  Created wheel for pyinstaller: filename=pyinstaller-4.2-py3-none-any.whl size=2413076 sha256=d86711cef41cc3af87511d8d21c7d6a439f5bfa8b12fba5b52f8b65f2d0a45
  Stored in directory: c:\users\morth\appdata\local\pip\cache\wheels\b2\10\66\947c\c1c6aebd3e270efd8ec60cf7656d5cbad06c0b34eae143
Successfully built pyinstaller
Installing collected packages: pyinstaller-hooks-contrib, altgraph, pywin32-ctypes, future, pefile, pyinstaller
  Running setup.py install for future ... done
  Running setup.py install for pefile ... done
WARNING: The scripts pyi-archive_viewer.exe, pyi-bundlever.exe, pyi-grab_version.exe, pyi-makespec.exe, pyi-set_version.exe and pyinstaller.exe are installed in 'C:\Users
\morth\AppData\Local\packages\PythonSoftwareFoundation.Python.3.9_qbz5n2kfra8p0\LocalCache\local-packages\Python39\Scripts' which is not on PATH.
Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed altgraph-0.17 future-0.18.2 pefile-2019.4.18 pyinstaller-4.2 pyinstaller-hooks-contrib-2020.11 pywin32-ctypes-0.2.0
WARNING: You are using pip version 20.2.3; however, version 21.0.1 is available.
You should consider upgrading via the 'C:\Users\morth\AppData\Local\Microsoft\WindowsApps\PythonSoftwareFoundation.Python.3.9_qbz5n2kfra8p0\python.exe -m pip install --upgr
82 INFO: PyInstaller: 4.2
82 INFO: Python: 3.9.2
83 INFO: Platform: Windows-10-0.18362-SP0
84 INFO: wrote C:\Users\rbchs\Desktop\Secure Coding\Lab_4\pyphello.spec
85 INFO: UPX is not available.
87 INFO: Extending PYTHONPATH with paths
['C:\\Users\\rbchs\\Desktop\\Secure Coding\\Lab_4',
'C:\\Users\\rbchs\\Desktop\\Secure Coding\\Lab_4']
90 INFO: checking Analysis
91 INFO: Building Analysis because Analysis-00.toc is non-existent
94 INFO: Initializing module dependency graph...
95 INFO: Caching module graph hooks...
100 WARNING: Several hooks defined for module 'win32ctypes.core'. Please take care they do not conflict.
104 INFO: Analyzing base_library.zip ...
1716 INFO: Processing pre-find module path hook distutils from 'c:\\users\\rbchs\\appdata\\local\\programs\\
python\\python39\\lib\\site-packages\\PyInstaller\\hooks\\pre_find_module_path\\hook-distutils.py'.
1717 INFO: distutils: retargeting to non-venv dir 'c:\\users\\rbchs\\appdata\\local\\programs\\python\\pytho
n39\\lib'
3907 INFO: Caching module dependency graph...
3989 INFO: running Analysis Analysis-00.toc
4001 INFO: Adding Microsoft.Windows.Common-Controls to dependent assemblies of final executable
required by c:\users\rbchs\appdata\local\programs\python\python39\python.exe
```

```

C:\Users\morth>schtasks /Create /SC MONTHLY /MO first /D MON /TN Python_execution /TR C:\Users\morth\Desktop\19bcn7056
SUCCESS: The scheduled task "Python_execution" has successfully been created.

C:\Users\morth>schtasks /delete /TN Python_execution
WARNING: Are you sure you want to remove the task "Python_execution" (Y/N)? y
SUCCESS: The scheduled task "Python_execution" was successfully deleted.

C:\Users\morth>schtasks /Create /SC MINUTE /MO 5 /TN Executer /TR calc.exe /ST 12:00 /SD 22/03/2021
ERROR: Incorrect Start Date.

C:\Users\morth>schtasks /Create /SC MINUTE /MO 5 /TN Executer /TR calc.exe /ST 12:00 /SD 03/22/2021
SUCCESS: The scheduled task "Executer" has successfully been created.

C:\Users\morth>schtasks /delete /TN Executer
WARNING: Are you sure you want to remove the task "Executer" (Y/N)? y
SUCCESS: The scheduled task "Executer" was successfully deleted.

C:\Users\morth>schtasks /Create /SC Daily /TN Executer2 /TR notepad.exe /ST 12:00 /SD 03/22/2021
SUCCESS: The scheduled task "Executer2" has successfully been created.

C:\Users\morth>schtasks /delete /TN notepad.exe
ERROR: The specified task name "notepad.exe" does not exist in the system.

C:\Users\morth>schtasks /delete /TN Executer2
WARNING: Are you sure you want to remove the task "Executer2" (Y/N)? y
SUCCESS: The scheduled task "Executer2" was successfully deleted.

```

```

C:\Users\morth>powercfg /lastwake
Wake History Count - 1
Wake History [0]
Wake Source Count - 0

```

```

Administrator: Command Prompt
C:\WINDOWS\system32\powercfg /energy
Enabling tracing for 60 seconds...
Observing system behavior...
Analyzing trace data...
Analysis complete.

Energy efficiency problems were found.

8 Errors
15 Warnings
43 Informational

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

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 (S0 Low Power Idle) Network Connected

The following sleep states are not available on this system:
Standby (S1)
    The system firmware does not support this standby state.
    This standby state is disabled when S0 low power idle is supported.

Standby (S2)
    The system firmware does not support this standby state.
    This standby state is disabled when S0 low power idle is supported.

Standby (S3)
    This standby state is disabled when S0 low power idle is supported.

Hibernate
    Hibernation has not been enabled.

Hybrid Sleep
    Standby (S3) is not available.
    Hibernation is not available.

Fast Startup
    Hibernation is not available.

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```
Administrator: Command Prompt
C:\WINDOWS\system32\powercfg /devicequery sl_supported
Logitech G Hub Virtual Keyboard
Intel(R) Display Audio
Intel(R) Dynamic Application Loader Host Interface
Synaptics WBDI - S0X
OneNote
HID-compliant vendor-defined device
HID-compliant vendor-defined device (001)
Root Print Queue
HID-compliant system controller
Volume Manager
OneNote (001)
HID-compliant consumer control device
HID-compliant vendor-defined device (002)
Speakers (Realtek High Definition Audio(2ST))
WAN Miniport (PPPOE)
HID Keyboard Device
Microsoft Basic Display Driver
Generic PnP Monitor
OneNote for Windows 10
Microsoft Wi-Fi Direct Virtual Adapter #3
Microsoft Wi-Fi Direct Virtual Adapter #4
Dynamtec TAP Driver
TAP-Windows Adapter V9
TAP-ProtonVPN Windows Adapter V9
USB Input Device
VMware Virtual Ethernet Adapter for VMnet1
VMware Virtual Ethernet Adapter for VMnet8
USB Input Device (001)
WAN Miniport (PPPoE)
Microsoft Hyper-V Virtualization Infrastructure Driver
Intel(R) Graphics Command Center
WAN Miniport (IKEv2)
Composite Bus Enumerator
Microsoft Virtual Drive Enumerator
Generic SuperSpeed USB Hub (001)
Microsoft Storage Spaces Controller
Microsoft Kernel Debug Network Adapter #2
HID Keyboard Device (002)
HID Keyboard Device (003)
USB Composite Device
Intel(R) iCLS Client
Microsoft XPS Document Writer
```