

SECURE CODING LAB 4

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1. Write the python script to print hello world

Command Prompt

```
Microsoft Windows [Version 10.0.18362.1016]
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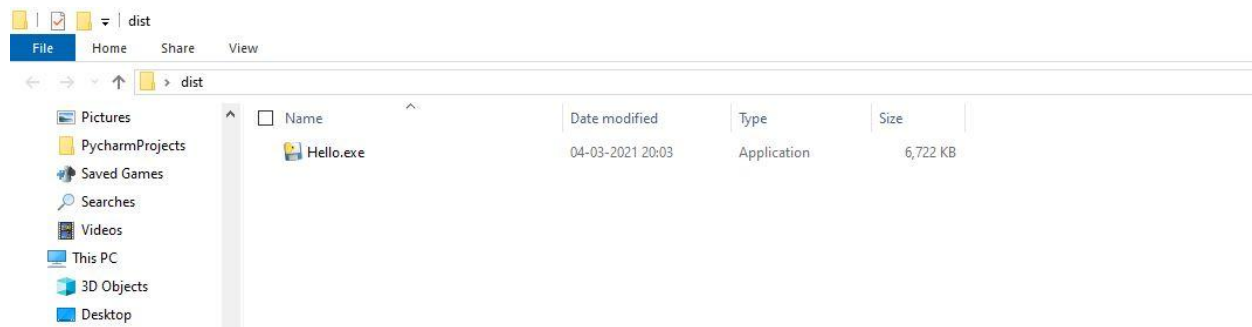
C:\Users\aravindpoka>cd desktop

C:\Users\aravindpoka\Desktop>python Hello.py
Hello world

C:\Users\aravindpoka\Desktop>
```

2. Convert the script into executable (use pyinstaller or py2exe – any of your choice).

```
Command Prompt
C:\Users\aravindpoka>cd desktop
C:\Users\aravindpoka\Desktop>pyinstaller --onefile -w Hello.py
1775 INFO: PyInstaller: 4.2
1777 INFO: Python: 3.7.6 (conda)
1777 INFO: Platform: Windows-10-10.0.18362-SP0
1778 INFO: wrote C:\Users\aravindpoka\Desktop\Hello.spec
1780 INFO: UPX is not available.
1789 INFO: Extending PYTHONPATH with paths
['C:\Users\aravindpoka\Desktop', 'C:\Users\aravindpoka\Desktop']
2261 INFO: checking Analysis
2362 INFO: Building Analysis because Analysis-00.toc is non existent
2364 INFO: Initializing module dependency graph...
2400 INFO: Caching module graph hooks...
2421 WARNING: Several hooks defined for module 'win32ctypes.core'. Please take care they do not conflict.
2558 INFO: Analyzing base library.zip ...
24005 INFO: Caching module dependency graph...
24447 INFO: running Analysis Analysis-00.toc
24572 INFO: Adding Microsoft.Windows.Common-Controls to dependent assemblies of final executable
required by c:\programdata\anaconda3\python.exe
26099 INFO: Analyzing C:\Users\aravindpoka\Desktop\Hello.py
26102 INFO: Processing module hooks...
26104 INFO: Loading module hook 'hook-difflib.py' from 'c:\programdata\anaconda3\lib\site-packages\PyInstaller\hooks'...
26268 INFO: Excluding import of doctest from module diffli
26268 INFO: Loading module hook 'hook-encodings.py' from 'c:\programdata\anaconda3\lib\site-packages\PyInstaller\hooks'...
26598 INFO: Loading module hook 'hook-heapq.py' from 'c:\programdata\anaconda3\lib\site-packages\PyInstaller\hooks'...
26614 INFO: Excluding import of doctest from module heapq
26614 INFO: Loading module hook 'hook-pickle.py' from 'c:\programdata\anaconda3\lib\site-packages\PyInstaller\hooks'...
26651 INFO: Excluding import of argparse from module pickle
26651 INFO: Loading module hook 'hook-xml.py' from 'c:\programdata\anaconda3\lib\site-packages\PyInstaller\hooks'...
27928 INFO: Looking for ctypes DLLs
27979 INFO: Analyzing run-time hooks ...
27988 INFO: Including run-time hook 'c:\programdata\anaconda3\lib\site-packages\PyInstaller\hooks\rthooks\pyi_rth_win32api.py'
28076 INFO: Processing pre-find module path hook distutils from 'c:\programdata\anaconda3\lib\site-packages\PyInstaller\hooks\pre_find_module_path\hook-distutils.py'
28102 INFO: distutils: retargeting to non-venv dir 'c:\programdata\anaconda3\lib'
28880 INFO: Looking for dynamic libraries
29815 INFO: Looking for eggs
29815 INFO: Using Python library c:\programdata\anaconda3\python37.dll
29825 INFO: Found binding redirects:
[]
29863 INFO: Warnings written to C:\Users\aravindpoka\Desktop\build\Hello\warn-Hello.txt
29960 INFO: Graph cross-reference written to C:\Users\aravindpoka\Desktop\build\Hello\xref-Hello.html
30042 INFO: checking PVZ
30042 INFO: Building PVZ because PVZ-00.toc is non existent
```



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

```
Command Prompt
C:\Users\aravindpoka\Desktop>schtasks /create /tn "Python execution" /tr C:\Users\aravindpoka\Desktop\dist\Hello.exe /sc monthly /mo FIRST /d MON
SUCCESS: The scheduled task "Python execution" has successfully been created.
C:\Users\aravindpoka\Desktop>
```

4) 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\aravindpoka\Desktop>schtasks /create /tn Executer /tr c:\apps\Calculator.exe /sc minute /mo 5 /st 11:00  
SUCCESS: The scheduled task "Executer" has successfully been created.  
C:\Users\aravindpoka\Desktop>
```

5) Schedule a task named "Executer2" to run notepad starting at 5:00PM and automatically terminating at 5:40PM hours every day

Command Prompt

```
C:\Users\aravindpoka\Desktop>schtasks /create /tn Executer2 /tr c:\apps\Notepad.exe /sc daily /st 17:00 /et 17:40  
SUCCESS: The scheduled task "Executer2" has successfully been created.  
C:\Users\aravindpoka\Desktop>
```