Assignment 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\chaitanya>cd desktop

C:\Users\chaitanya\Desktop>python Hello.py
Hello World

C:\Users\chaitanya\Desktop>
```
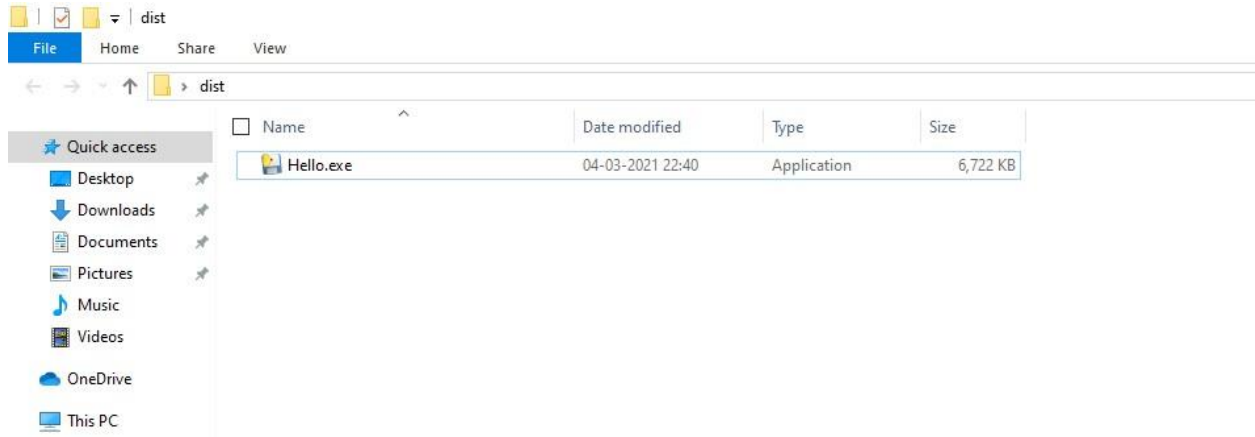
2.Convert the script into executable (use pyinstaller or py2exe – any o your choice).

Command Prompt   —   □   ×

```
C:\Users\chaitanya\Desktop>pyinstaller --onefile -w Hello.py
1295 INFO: PyInstaller: 4.2
1295 INFO: Python: 3.7.6 (conda)
1297 INFO: Platform: Windows-10-10.0.18362-SP0
1299 INFO: wrote C:\Users\chaitanya\Desktop\Hello.spec
1303 INFO: UPX is not available.
1310 INFO: Extending PYTHONPATH with paths
['C:\\Users\\chaitanya\\Desktop', 'C:\\Users\\chaitanya\\Desktop']
1488 INFO: checking Analysis
1489 INFO: Building Analysis because Analysis-00.toc is non existent
1489 INFO: Initializing module dependency graph...
1501 INFO: Caching module graph hooks...
1599 WARNING: Several hooks defined for module 'win32ctypes.core'. Please take care they do not conflict.
1667 INFO: Analyzing base_library.zip ...
11781 INFO: Caching module dependency graph...
11975 INFO: running Analysis Analysis-00.toc
12029 INFO: Adding Microsoft.Windows.Common-Controls to dependent assemblies of final executable
  required by c:\programdata\anaconda3\python.exe
13051 INFO: Analyzing C:\Users\chaitanya\Desktop\Hello.py
13053 INFO: Processing module hooks...
13053 INFO: Loading module hook 'hook-difflib.py' from 'c:\\programdata\\anaconda3\\lib\\site-packages\\PyInstaller\\hooks'...
13055 INFO: Excluding import of doctest from module difflib
13056 INFO: Loading module hook 'hook-encodings.py' from 'c:\\programdata\\anaconda3\\lib\\site-packages\\PyInstaller\\hooks'...
13151 INFO: Loading module hook 'hook-heapq.py' from 'c:\\programdata\\anaconda3\\lib\\site-packages\\PyInstaller\\hooks'...
13152 INFO: Excluding import of doctest from module heapq
13152 INFO: Loading module hook 'hook-pickle.py' from 'c:\\programdata\\anaconda3\\lib\\site-packages\\PyInstaller\\hooks'...
13154 INFO: Excluding import of argparse from module pickle
13154 INFO: Loading module hook 'hook-xml.py' from 'c:\\programdata\\anaconda3\\lib\\site-packages\\PyInstaller\\hooks'...
13687 INFO: Looking for ctypes DLLs
13700 INFO: Analyzing run-time hooks ...
13700 INFO: Including run-time hook 'c:\\programdata\\anaconda3\\lib\\site-packages\\PyInstaller\\hooks\\rthooks\\pyi_rth_win32api.py'
13753 INFO: Processing pre-find module path hook distutils from 'c:\\programdata\\anaconda3\\lib\\site-packages\\PyInstaller\\hooks\\pre_find_module_path\\hook-distutil
s.py'.
13765 INFO: distutils: retargeting to non-venv dir 'c:\\programdata\\anaconda3\\lib'
14023 INFO: Looking for dynamic libraries
14655 INFO: Looking for eggs
14655 INFO: Using Python library c:\programdata\anaconda3\python37.dll
14657 INFO: Found binding redirects:
[]
14665 INFO: Warnings written to C:\Users\chaitanya\Desktop\build\Hello\warn-Hello.txt
14694 INFO: Graph cross-reference written to C:\Users\chaitanya\Desktop\build\Hello\xref-Hello.html
14751 INFO: checking PYZ
```

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


```
C:\Users\chaitanya\Desktop>schtasks/create /tn "My python Execution" /tr C:\Users\chaitanya\Desktop\dist\Hello.exe /sc monthly /mo FIRST /d MON
SUCCESS: The scheduled task "My python Execution" has successfully been created.

C:\Users\chaitanya\Desktop>
```

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


```
C:\Users\chaitanya\Desktop>schtasks/create /tn Execution /tr C:\apps\Caculator.exe /sc minute /mo 5 /st 12:00
SUCCESS: The scheduled task "Execution" has successfully been created.

C:\Users\chaitanya\Desktop>
```

5)Schedule a task named "Execution2" to run notepad starting at 5:00PM and automatically terminating at 5:40PM hours every day

```
C:\Users\chaitanya\Desktop>schtasks/create /tn Execution2 /tr C:\apps\notepad.exe /sc daily /st 17:00 /et 17:40
SUCCESS: The scheduled task "Execution2" has successfully been created.

C:\Users\chaitanya\Desktop>
```