

SECURE CODING LAB ASSIGNMENT 4

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19BCN7024

1.

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

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19041.804]
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C:\Users\Salahuddin>cd Desktop

C:\Users\Salahuddin\Desktop>cd py4e

C:\Users\Salahuddin\Desktop\py4e>helloworld.py
Hello World!

C:\Users\Salahuddin\Desktop\py4e>pip install pyinstaller
Requirement already satisfied: pyinstaller in c:\users\salahuddin\appdata\local\programs\python\python38-32\lib\site-packages (4.2)
Requirement already satisfied: pywin32-ctypes>=0.2.0; sys_platform == "win32" in c:\users\salahuddin\appdata\local\programs\python\python38-32\lib\site-packages (from pyinstaller) (0.2.0)
Requirement already satisfied: pyinstaller-hooks-contrib>=2020.6 in c:\users\salahuddin\appdata\local\programs\python\python38-32\lib\site-packages (from pyinstaller) (2020.11)
Requirement already satisfied: altgraph in c:\users\salahuddin\appdata\local\programs\python\python38-32\lib\site-packages (from pyinstaller) (0.17)
Requirement already satisfied: pefile>=2017.8.1; sys_platform == "win32" in c:\users\salahuddin\appdata\local\programs\python\python38-32\lib\site-packages (from pyinstaller) (2019.4.18)
Requirement already satisfied: setuptools in c:\users\salahuddin\appdata\local\programs\python\python38-32\lib\site-packages (from pyinstaller) (47.1.0)
Requirement already satisfied: future in c:\users\salahuddin\appdata\local\programs\python\python38-32\lib\site-packages (from pefile>=2017.8.1; sys_platform == "win32"->pyinstaller) (0.18.2)
WARNING: You are using pip version 20.1.1; however, version 21.0.1 is available.
You should consider upgrading via the 'c:\users\salahuddin\appdata\local\programs\python\python38-32\python.exe -m pip install --upgrade pip' command.

C:\Users\Salahuddin\Desktop\py4e>pyinstaller helloworld.py
1445 INFO: PyInstaller: 4.2
1445 INFO: Python: 3.8.5
1446 INFO: Platform: Windows-10-10.0.19041-SP0
1448 INFO: wrote C:\Users\Salahuddin\Desktop\py4e\helloworld.spec

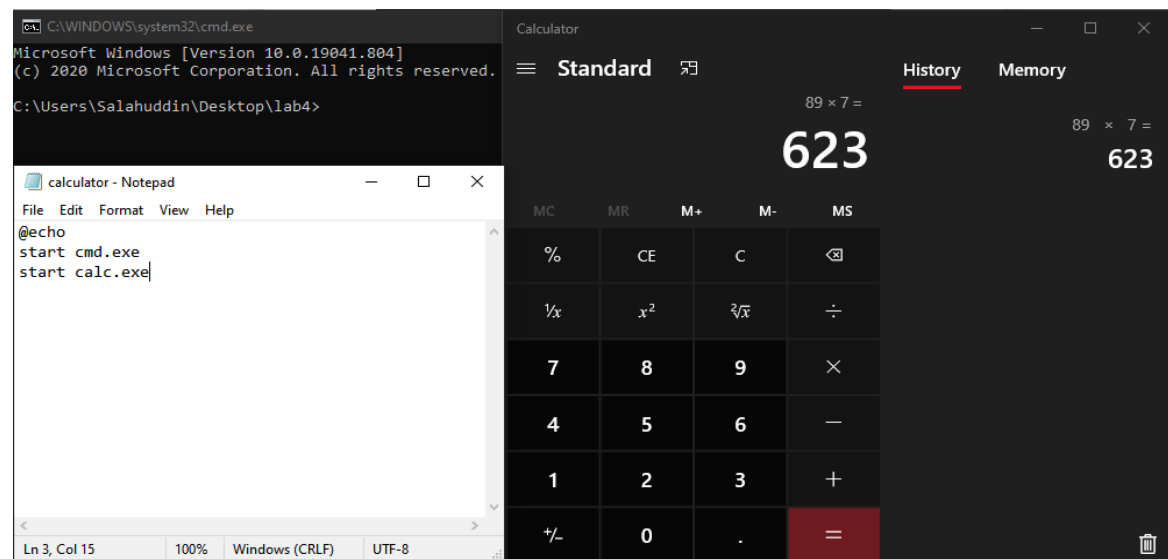
26086 INFO: Found binding redirects:
[]
26093 INFO: Warnings written to C:\Users\Salahuddin\Desktop\py4e\build\helloworld\warn-helloworld.txt
26204 INFO: Graph cross-reference written to C:\Users\Salahuddin\Desktop\py4e\build\helloworld\xref-helloworld.html
26311 INFO: checking PYZ
26314 INFO: Building PYZ because PYZ-00.toc is non existent
26316 INFO: Building PYZ (ZlibArchive) C:\Users\Salahuddin\Desktop\py4e\build\helloworld\PYZ-00.pyz
27485 INFO: Building PYZ (ZlibArchive) C:\Users\Salahuddin\Desktop\py4e\build\helloworld\PYZ-00.pyz completed successfully.
27521 INFO: checking PKG
27521 INFO: Building PKG because PKG-00.toc is non existent
27524 INFO: Building PKG (CArchive) PKG-00.pkg
27656 INFO: Building PKG (CArchive) PKG-00.pkg completed successfully.
27663 INFO: Bootloader c:\users\salahuddin\appdata\local\programs\python\python38-32\lib\site-packages\PyInstaller\bootloader\Windows-32bit\run.exe
27663 INFO: checking EXE
27664 INFO: Building EXE because EXE-00.toc is non existent
27665 INFO: Building EXE from EXE-00.toc
28180 INFO: Copying icons from ['c:\users\salahuddin\appdata\local\programs\python\python38-32\lib\site-packages\PyInstaller\bootloader\images\icon-console.ico']
28502 INFO: Writing RT_GROUP_ICON 0 resource with 104 bytes
28503 INFO: Writing RT_ICON 1 resource with 3752 bytes
28504 INFO: Writing RT_ICON 2 resource with 2216 bytes
28505 INFO: Writing RT_ICON 3 resource with 1384 bytes
28506 INFO: Writing RT_ICON 4 resource with 37019 bytes
28507 INFO: Writing RT_ICON 5 resource with 9640 bytes
28507 INFO: Writing RT_ICON 6 resource with 4264 bytes
28510 INFO: Writing RT_ICON 7 resource with 1128 bytes
28530 INFO: Appending archive to EXE C:\Users\Salahuddin\Desktop\py4e\build\helloworld\helloworld.exe
28820 INFO: Building EXE from EXE-00.toc completed successfully.
28836 INFO: checking COLLECT
28837 INFO: Building COLLECT because COLLECT-00.toc is non existent
28839 INFO: Building COLLECT COLLECT-00.toc
31660 INFO: Building COLLECT COLLECT-00.toc completed successfully.
```

```
C:\Users\Salahuddin\Desktop\py4e>SCHEDTASKS /CREATE /SC MONTHLY /d mon /TN "19BCN7024_TASK01" /TR "C:\Users\Salahuddin\Desktop\py4e\dist\helloworld.exe.manifest" /ST 09:00
ERROR: Invalid value for /D option.
Type "SCHEDTASKS /CREATE /?" for usage.

C:\Users\Salahuddin\Desktop\py4e>SCHEDTASKS /CREATE /SC MONTHLY /TN "19BCN7024_TASK01" /TR "C:\Users\Salahuddin\Desktop\py4e\dist\helloworld.exe.manifest" /ST 09:00
SUCCESS: The scheduled task "19BCN7024_TASK01" has successfully been created.
```

2.

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



```
C:\Users\Salahuddin\Desktop\py4e>SCHEDTASKS /CREATE /SC MINUTE /MO 5 /TN "EXECUTER" /TR "C:\Users\Salahuddin\Desktop\lab4\calculator.bat"
SUCCESS: The scheduled task "EXECUTER" has successfully been created.
```

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

```
C:\Users\Salahuddin\Desktop>SCHEDTASKS /CREATE /SC DAILY /MO 5 /TN "EXECUTER2" /TR "C:\Users\Salahuddin\Desktop\lab4\notepad" /ST 05:00 /ET 05:40
WARNING: The task name "EXECUTER2" already exists. Do you want to replace it (Y/N)? Y
SUCCESS: The scheduled task "EXECUTER2" has successfully been created.
```

3. Schedule a task named "Logger" to log your internet explorer activity to a separate text file.

```
C:\Users\Salahuddin\Desktop\lab4>SCHEDTASKS /CREATE /SC DAILY /TN "LOGGER" /TR "C:\Users\Salahuddin\Desktop\Takeout\Chrome "
SUCCESS: The scheduled task "LOGGER" has successfully been created.
```