

LAB 4 - (L-23-24)

19BCE7464

```
Select C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19042.804]
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C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment\midlevel>dir
Volume in drive C is Windows
Volume Serial Number is 9458-8C1D

Directory of C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment\midlevel

20-02-2021  11:54    <DIR>          .
20-02-2021  11:54    <DIR>          ..
20-02-2021  11:54    <DIR>          .idea
20-02-2021  11:54                21 main.py
               1 File(s)                21 bytes
               3 Dir(s) 12,217,286,656 bytes free

C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment\midlevel>pyinstaller --onefile main.py
68 INFO: PyInstaller: 4.2
68 INFO: Python: 3.7.4
68 INFO: Platform: Windows-10-10.0.19041-SP0
69 INFO: wrote C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment\midlevel\main.spec
73 INFO: UPX is not available.
76 INFO: Extending PYTHONPATH with paths
['C:\\Users\\P.RITESH\\Desktop\\WIN '
'2020-21\\SECURECODINGLAB\\lab4assignment\\midlevel',
'C:\\Users\\P.RITESH\\Desktop\\WIN '
'2020-21\\SECURECODINGLAB\\lab4assignment\\midlevel']
93 INFO: checking Analysis
93 INFO: Building Analysis because Analysis-00.toc is non existent
93 INFO: Initializing module dependency graph...
96 INFO: Caching module graph hooks...
107 WARNING: Several hooks defined for module 'win32ctypes.core'. Please take care they do not conflict.
112 INFO: Analyzing base_library.zip ...
3022 INFO: Caching module dependency graph...
3123 INFO: running Analysis Analysis-00.toc
3148 INFO: Adding Microsoft.Windows.Common-Controls to dependent assemblies of final executable
```

```
C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment\midlevel\dist>dir
Volume in drive C is Windows
Volume Serial Number is 9458-8C1D

Directory of C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment\midlevel\dist

20-02-2021  11:58    <DIR>          .
20-02-2021  11:58    <DIR>          ..
20-02-2021  11:58                6,255,216 main.exe
               1 File(s)                6,255,216 bytes
               2 Dir(s) 12,207,759,360 bytes free

C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment\midlevel\dist>main.exe
Hello Ritesh

C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment\midlevel\dist>
```

```
C:\Windows\System32\cmd.exe
Volume Serial Number is 9458-8C1D

Directory of C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment\midlevel

20-02-2021  12:07    <DIR>          .
20-02-2021  12:07    <DIR>          ..
20-02-2021  12:07    <DIR>          .idea
20-02-2021  12:07                22 pythonexecution.py
               1 File(s)                22 bytes
               3 Dir(s) 12,211,077,120 bytes free

C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment\midlevel>pyinstaller --onefile pythonexecution.py
94 INFO: PyInstaller: 4.2
94 INFO: Python: 3.7.4
94 INFO: Platform: Windows-10-10.0.19041-SP0
95 INFO: wrote C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment\midlevel\pythonexecution.spec
100 INFO: UPX is not available.
103 INFO: Extending PYTHONPATH with paths
['C:\\Users\\P.RITESH\\Desktop\\WIN '
 '2020-21\\SECURECODINGLAB\\lab4assignment\\midlevel',
 'C:\\Users\\P.RITESH\\Desktop\\WIN '
 '2020-21\\SECURECODINGLAB\\lab4assignment\\midlevel']
119 INFO: checking Analysis
120 INFO: Building Analysis because Analysis-00.toc is non existent
120 INFO: Initializing module dependency graph...
123 INFO: Caching module graph hooks...
132 WARNING: Several hooks defined for module 'win32ctypes.core'. Please take care they do not conflict.
138 INFO: Analyzing base_library.zip ...
3063 INFO: Caching module dependency graph...
3160 INFO: running Analysis Analysis-00.toc
3177 INFO: Adding Microsoft.Windows.Common-Controls to dependent assemblies of final executable
       required by c:\users\p.ritesh\appdata\local\programs\python\python37\python.exe
3482 INFO: Analyzing C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment\midlevel\pythonexecution.py
3484 INFO: Processing module hooks...
3485 INFO: Loading module hook 'hook-difflib.py' from 'c:\\users\\p.ritesh\\appdata\\local\\programs\\python\\python37\\lib\\site-packages\\PyInst
aller\\hooks'...
```

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19042.804]
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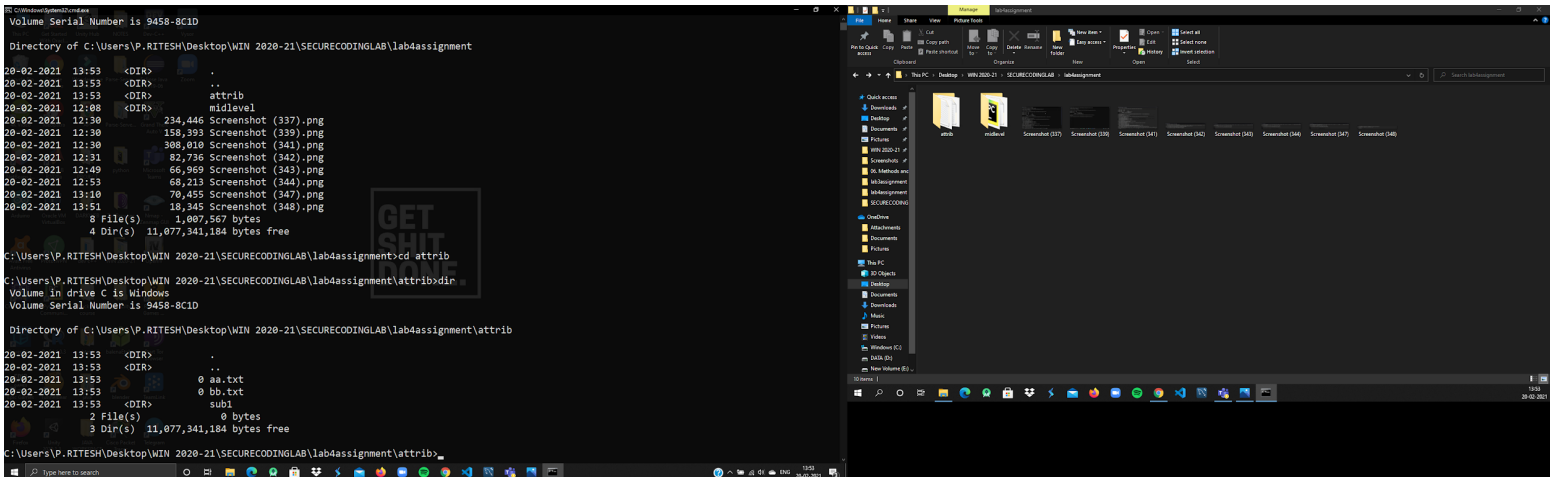
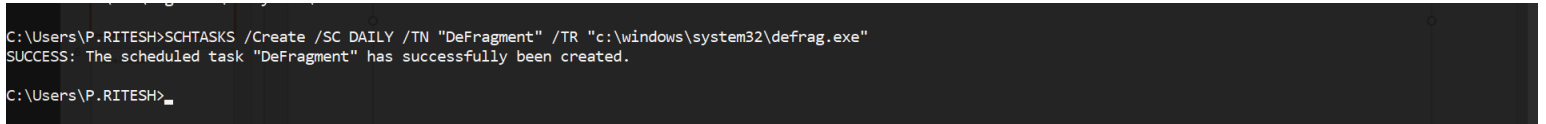
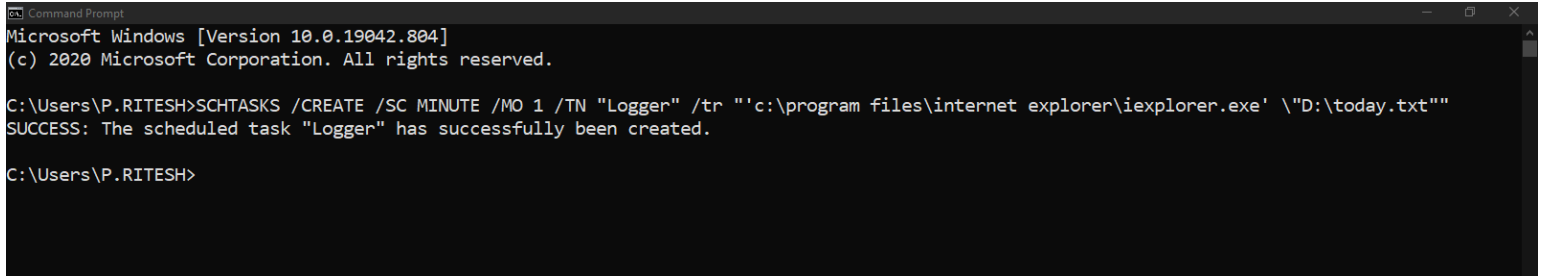
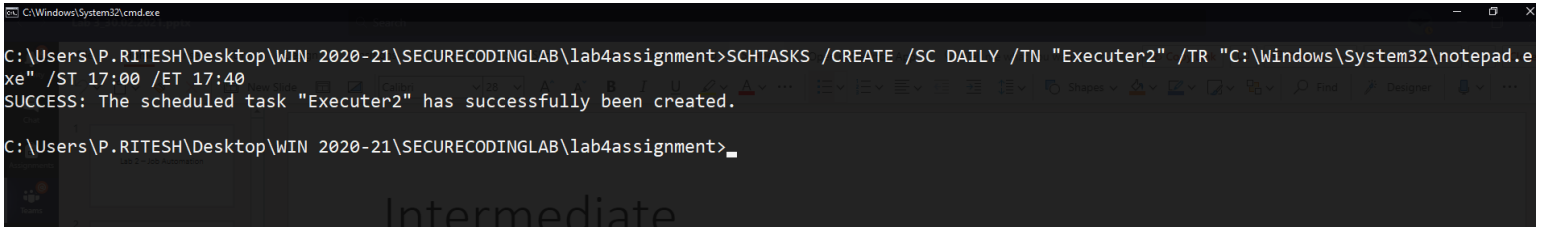
C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment>SCHTASKS /CREATE /SC MONTHLY /MO first /D MON /TN "python_execution" /TR "C:\
Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment\midlevel\dist\pythonexecution.exe"
SUCCESS: The scheduled task "python_execution" has successfully been created.

C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment>
```

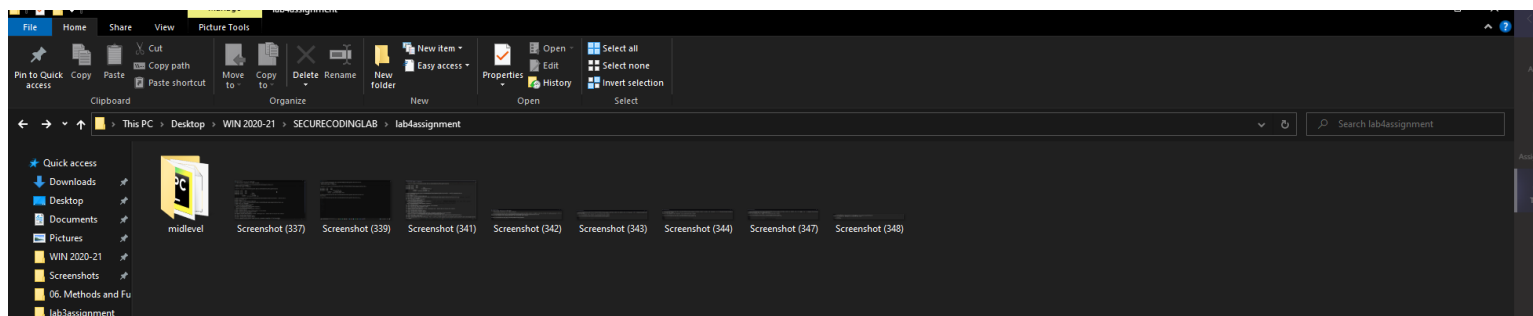
```
C:\Windows\System32\cmd.exe

C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment>SCHTASKS /CREATE /SC MINUTE /MO 5 /TN "Executer" /TR "C:\Windows\System32\cal
c.exe" /ST 12:00
SUCCESS: The scheduled task "Executer" has successfully been created.

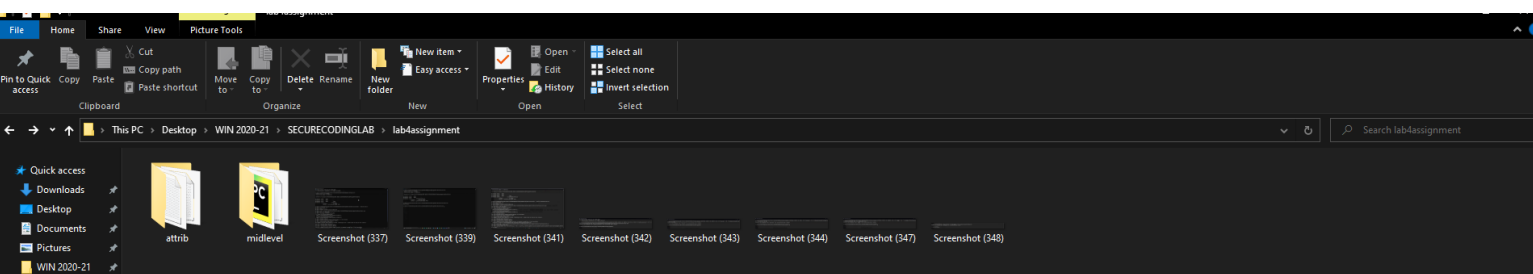
C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment>
```



```
C:\Windows\System32\cmd.exe
C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment>attrib +s +r +h /S /D attrib
C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment>
```



```
C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment>attrib -s -r -h /S /D attrib
C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab4assignment>
```



Microsoft Windows [Version 10.0.19042.884]
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```
C:\WINDOWS\system32>powercfg /lastwake
Wake History Count - 1
Wake History [0]
Wake Source Count - 0

C:\WINDOWS\system32>powercfg /a
The following sleep states are available on this system:
    Standby (S3)

The following sleep states are not available on this system:
    Standby (S1)
        The system firmware does not support this standby state.
    Standby (S2)
        The system firmware does not support this standby state.
    Hibernate
        Hibernation has not been enabled.
    Standby (S0 Low Power Idle)
        The system firmware does not support this standby state.
    Hybrid Sleep
        Hibernation is not available.
    Fast Startup
        Hibernation is not available.
```

Powercfg

- Powercfg is a very powerful command for managing and tracking how your computer uses energy.
- > powercfg /energy
- > Powercfg /lastwake
- > powercfg /hibernate on
- > powercfg /hibernate off
- > powercfg /a
- powercfg /devicequery s1_supported

```
C:\WINDOWS\system32>powercfg /hibernate on
C:\WINDOWS\system32>
```

