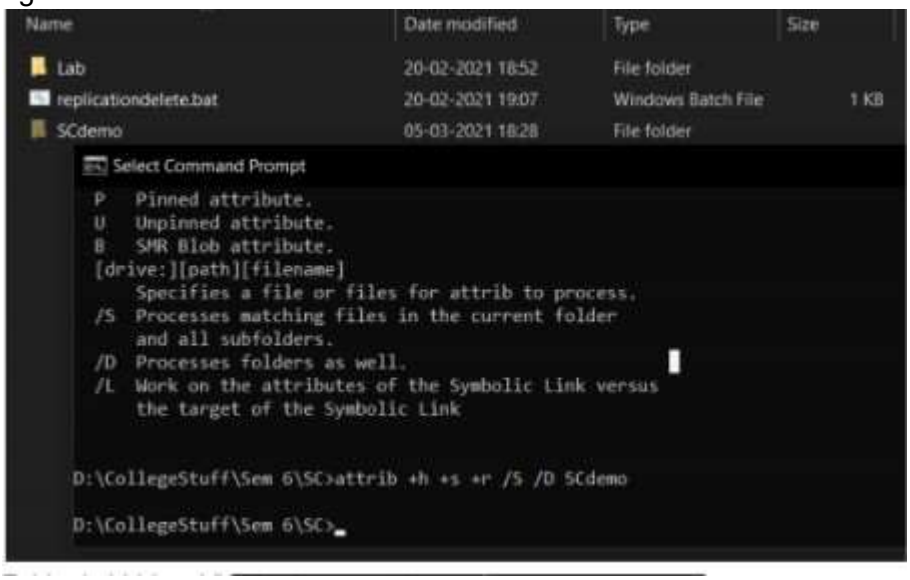
Name: K.jayanth

Reg No:19bci7021

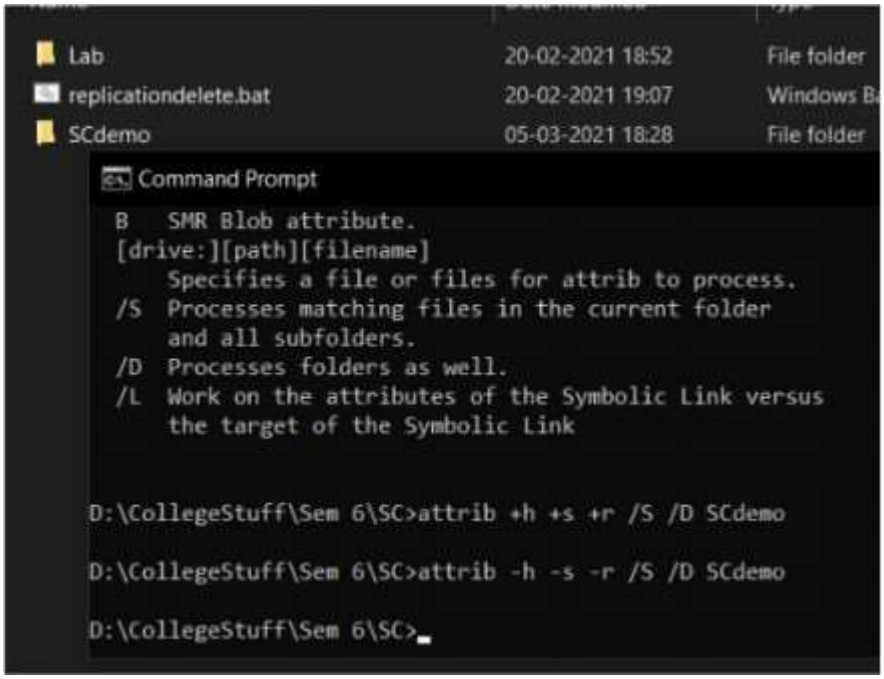
1. Attrib command:

Hiding folder:



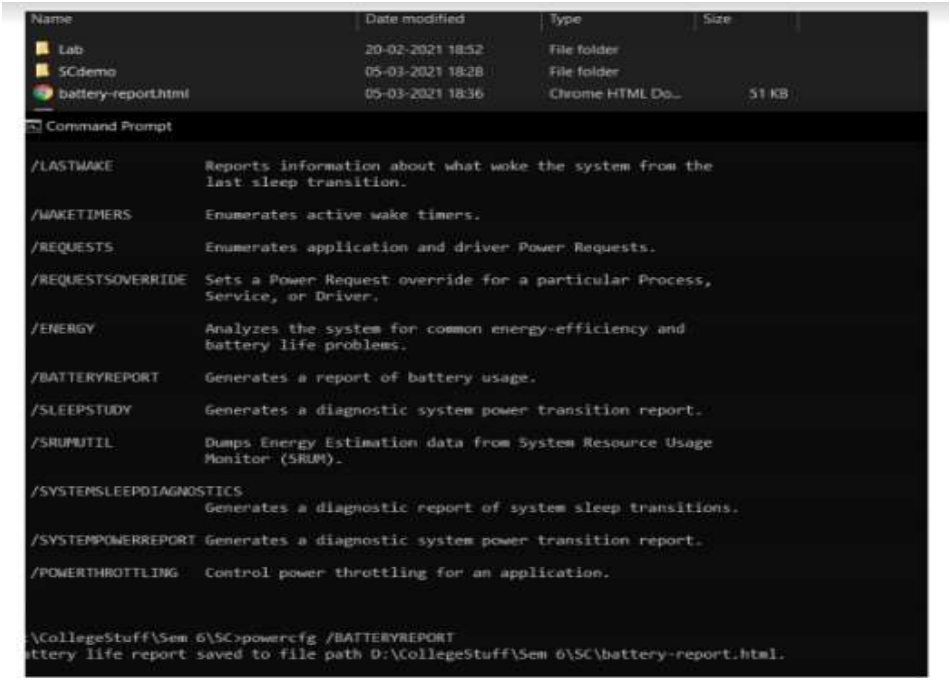
Folder is hidden. Visible due to settings.

Reverting hidden attribute:

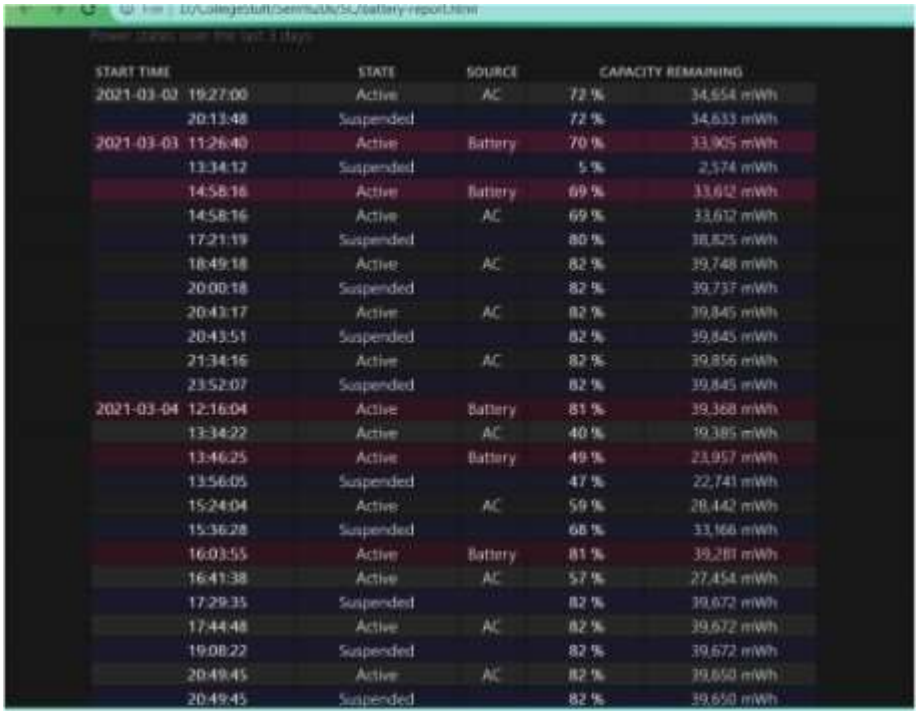


2. Powercfg command:

Battery report:

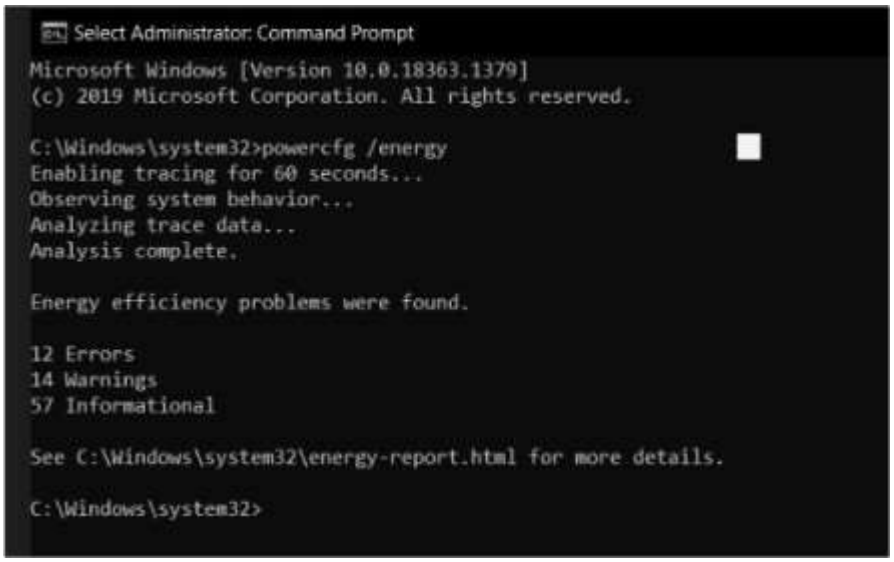


Lastwake:



START TIME	STATE	SOURCE	CAPACITY REMAINING	
2021-03-02 19:27:00	Active	AC	72 %	34,654 mWh
20:13:48	Suspended		72 %	34,633 mWh
2021-03-03 11:26:40	Active	Battery	70 %	33,905 mWh
13:34:12	Suspended		5 %	2,574 mWh
14:58:16	Active	Battery	69 %	33,612 mWh
14:58:16	Active	AC	69 %	33,612 mWh
17:21:19	Suspended		80 %	38,825 mWh
18:49:18	Active	AC	82 %	39,748 mWh
20:00:18	Suspended		82 %	39,737 mWh
20:43:17	Active	AC	82 %	39,845 mWh
20:43:51	Suspended		82 %	39,845 mWh
21:34:16	Active	AC	82 %	39,856 mWh
23:52:07	Suspended		82 %	39,845 mWh
2021-03-04 12:16:04	Active	Battery	81 %	39,368 mWh
13:34:22	Active	AC	40 %	19,385 mWh
13:46:25	Active	Battery	49 %	23,957 mWh
13:56:05	Suspended		47 %	22,741 mWh
15:24:04	Active	AC	59 %	28,442 mWh
15:36:28	Suspended		68 %	33,166 mWh
16:03:55	Active	Battery	81 %	39,281 mWh
16:41:38	Active	AC	57 %	27,454 mWh
17:29:35	Suspended		82 %	39,672 mWh
17:44:48	Active	AC	82 %	39,672 mWh
19:08:22	Suspended		82 %	39,672 mWh
20:49:45	Active	AC	82 %	39,650 mWh
20:49:45	Suspended		82 %	39,650 mWh

Energy consumption report:



```
Select Administrator: Command Prompt
Microsoft Windows [Version 10.0.18363.1379]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Windows\system32>powercfg /energy
Enabling tracing for 60 seconds...
Observing system behavior...
Analyzing trace data...
Analysis complete.

Energy efficiency problems were found.

12 Errors
14 Warnings
57 Informational

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

C:\Windows\system32>
```

Hibernat

```
C:\Users\santhosh>powercfg /hibernate on
Unable to perform operation.  An unexpected error (0x65b) has occurred:  Function failed during execution.

C:\Users\santhosh>powercfg /hibernate off
Unable to perform operation.  An unexpected error (0x65b) has occurred:  Function failed during execution.
```

Available sleep states:

```
C:\Users\santhosh>powercfg /a
The following sleep states are available on this system:
    Standby (S3)
    Hibernate
    Hybrid Sleep
    Fast Startup

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.

    Standby (S0 Low Power Idle)
        The system firmware does not support this standby state.
```

3. Scheduled Hello world python script:

Creating exe from python file:

```
Command Prompt
4056 INFO: Graph cross-reference written to D:\CollegeStuff\Sem 6\SC\Lab\Lab4\build\script\xref
4076 INFO: checking PYZ
4076 INFO: Building PYZ because PYZ-00.toc is non existent
4078 INFO: Building PYZ (ZlibArchive) D:\CollegeStuff\Sem 6\SC\Lab\Lab4\build\script\PYZ-00.pyz
4555 INFO: Building PYZ (ZlibArchive) D:\CollegeStuff\Sem 6\SC\Lab\Lab4\build\script\PYZ-00.pyz
4574 INFO: checking PKG
4575 INFO: Building PKG because PKG-00.toc is non existent
4576 INFO: Building PKG (CArchive) PKG-00.pkg
7055 INFO: Building PKG (CArchive) PKG-00.pkg completed successfully.
7059 INFO: Bootloader c:\users\santhosh\appdata\local\programs\python\python36\lib\site-package
Windows-64bit\run.exe
7060 INFO: checking EXE
7060 INFO: Building EXE because EXE-00.toc is non existent
7060 INFO: Building EXE from EXE-00.toc
7134 INFO: Copying icons from ['c:\\users\\santhosh\\appdata\\local\\programs\\python\\python36
nstaller\\bootloader\\images\\icon-console.ico']
7203 INFO: Writing RT_GROUP_ICON 0 resource with 104 bytes
7203 INFO: Writing RT_ICON 1 resource with 3752 bytes
7205 INFO: Writing RT_ICON 2 resource with 2216 bytes
7207 INFO: Writing RT_ICON 3 resource with 1384 bytes
7207 INFO: Writing RT_ICON 4 resource with 37019 bytes
7208 INFO: Writing RT_ICON 5 resource with 9640 bytes
7208 INFO: Writing RT_ICON 6 resource with 4264 bytes
7209 INFO: Writing RT_ICON 7 resource with 1128 bytes
7214 INFO: Updating manifest in D:\CollegeStuff\Sem 6\SC\Lab\Lab4\build\script\run.exe.jbm0m_bc
8067 INFO: Updating resource type 24 name 1 language 0
8081 INFO: Appending archive to EXE D:\CollegeStuff\Sem 6\SC\Lab\Lab4\dist\script.exe
8804 INFO: Building EXE from EXE-00.toc completed successfully.
```

4. Intermediate tasks: executer1 and executer2 for calculator and notepad:

5. Advanced task: Disk defrag

6. Script to lock the computer:

7. Script to empty recycle bin: