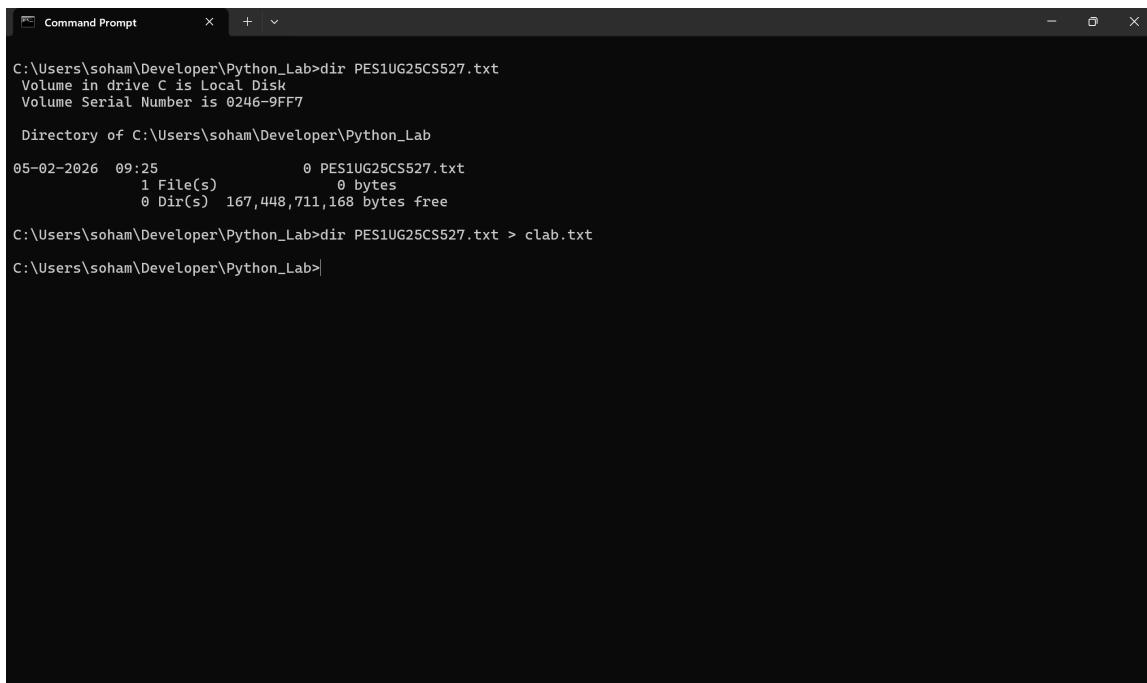


Week 1

1. Command 1

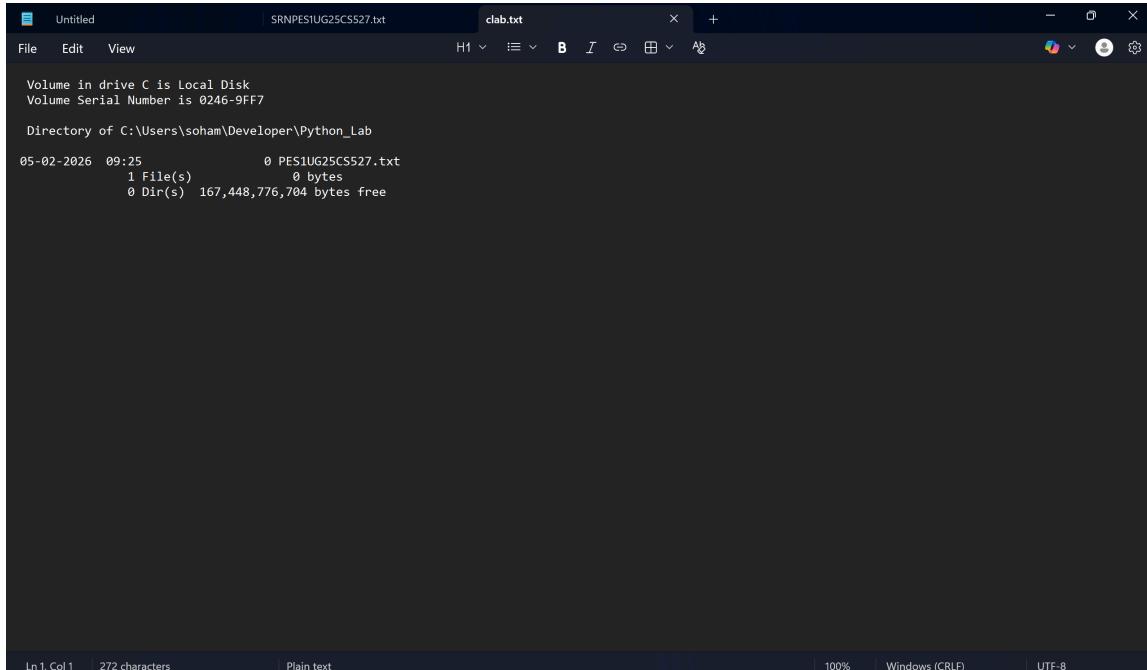


```
C:\Users\soham\Developer\Python_Lab>dir PES1UG25CS527.txt
Volume in drive C is Local Disk
Volume Serial Number is 0246-9FF7

Directory of C:\Users\soham\Developer\Python_Lab

05-02-2026  09:25                0 PES1UG25CS527.txt
               1 File(s)           0 bytes
               0 Dir(s)  167,448,711,168 bytes free

C:\Users\soham\Developer\Python_Lab>dir PES1UG25CS527.txt > clab.txt
C:\Users\soham\Developer\Python_Lab>
```

```
Volume in drive C is Local Disk
Volume Serial Number is 0246-9FF7

Directory of C:\Users\soham\Developer\Python_Lab

05-02-2026  09:25                0 PES1UG25CS527.txt
               1 File(s)           0 bytes
               0 Dir(s)  167,448,776,704 bytes free
```

2. Append

```
C:\Users\soham\Developer\Python_Lab>hostname >> clab.txt
C:\Users\soham\Developer\Python_Lab>
```



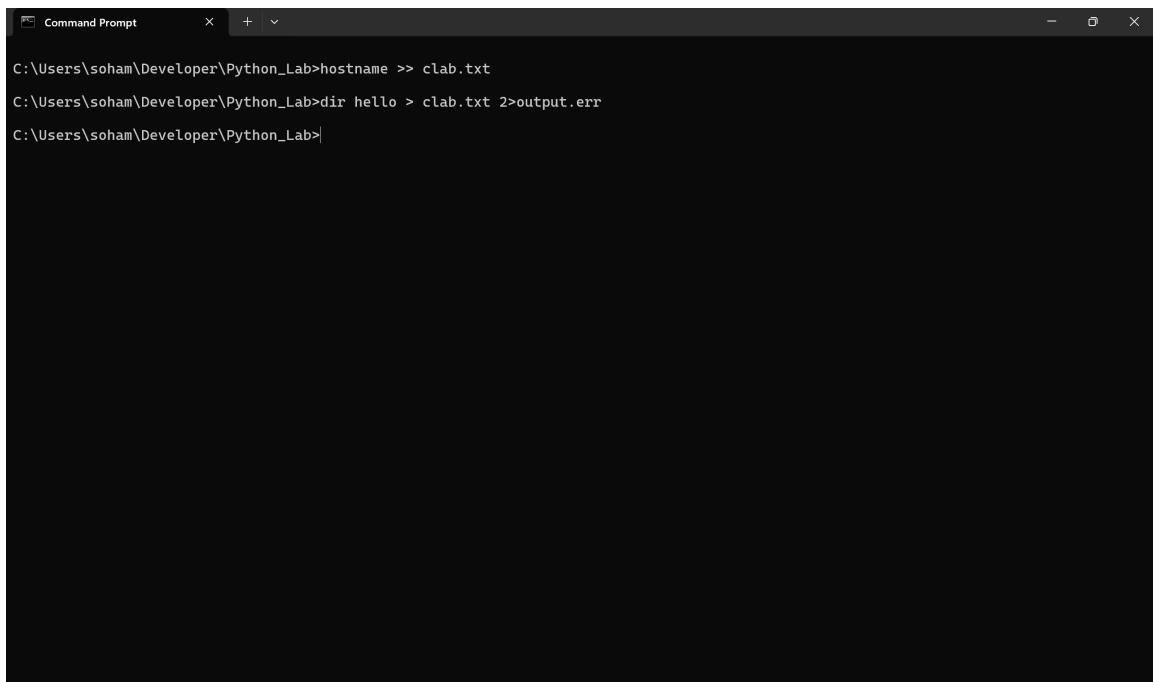
Volume in drive C is Local Disk
Volume Serial Number is 0246-9FF7

Directory of C:\Users\soham\Developer\Python_Lab

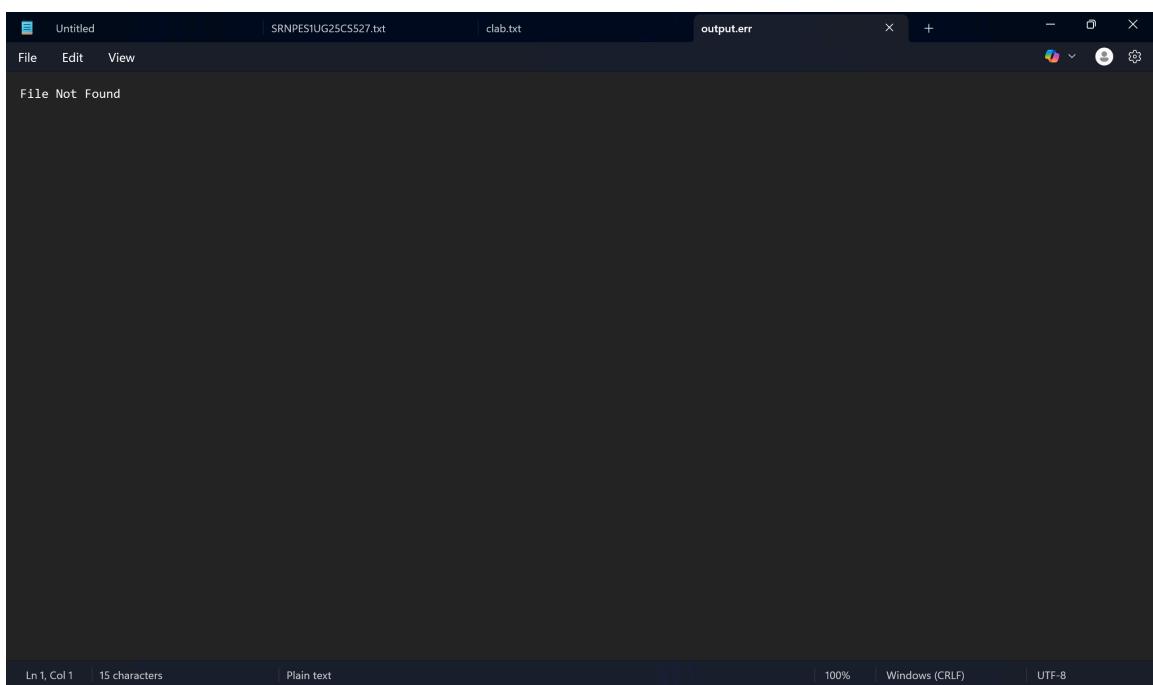
```
05-02-2026  09:25              0 PES1UG25CS527.txt
               1 File(s)      0 bytes
               0 Dir(s)  167,448,776,704 bytes free
```

DESKTOP-PC07K83

3. Command 3: Redirect Standard Error to File



```
C:\Users\soham\Developer\Python_Lab>hostname > clab.txt
C:\Users\soham\Developer\Python_Lab>dir hello > clab.txt 2>output.err
C:\Users\soham\Developer\Python_Lab>
```



```
File Not Found
```

4. Command 4

Two Command Prompt windows are shown side-by-side. The left window shows the command `dir text.exe 1>output.txt 2>&1` being run. The right window shows the command prompt again.

```
Microsoft Windows [Version 10.0.26290.7705]
(c) Microsoft Corporation. All rights reserved.

C:\Users\soham>dir text.exe 1>output.txt 2>&1
C:\Users\soham>
```

A code editor window is shown with multiple tabs at the top: Untitled, SRNPESTUG25CS527.txt, clab.txt, output.err, and output.txt. The output.txt tab is active and displays the following text:

```
Volume in drive C is Local Disk
Volume Serial Number is 0246-9FF7

Directory of C:\Users\soham

File Not Found
```

The status bar at the bottom shows: Ln 1, Col 1 | 114 characters | Plain text | 100% | Windows (CRLF) | UTF-8

Microsoft Windows [Version 10.0.26290.7705]
(c) Microsoft Corporation. All rights reserved.
C:\Users\soham>dir text.exe 1>output.txt 2>&1
C:\Users\soham>dir text.exe 1>output.txt 2>&1
C:\Users\soham>

Untitled SRNPESTUG25CS527.txt clab.txt output.err output.txt

File Edit View H1 ≡ B I ⊖ ⊕ ⊛ ⊜ ⊝ ⊞

| Volume in drive C is Local Disk
| Volume Serial Number is 0246-9FF7
|
| Directory of C:\Users\soham
|
05-02-2026 10:02 0 text.exe
1 File(s) 0 bytes
0 Dir(s) 166,473,781,248 bytes free

Ln 1, Col 1 242 characters Plain text 100% Windows (CRLF) UTF-8

5. Command 5

```
C:\Users\soham>cd Developer
C:\Users\soham\Developer>cd Python_Lab
C:\Users\soham\Developer\Python_Lab>sort
hello
world
mango
apple
banana
cherry
dragon fruit
elderberry
^Z
apple
banana
cherry
dragon fruit
elderberry
hello
mango
world
C:\Users\soham\Developer\Python_Lab>
```

```
File Edit View H1 ▾ ⚙️ B I ⊞ ⊛ Aa
hello
world
mango
apple
banana
cherry
dragon fruit
elderberry|
```

```
C:\Users\soham\Developer\Python_Lab>sort hello.txt
apple
banana
cherry
dragon fruit
elderberry
hello
mango
world
```

```
C:\Users\soham\Developer\Python_Lab>sort hello.txt > clab.txt
```

The screenshot shows a terminal window with the following content:

```
Untitled          SRNPES1UG25CS527.txt    clab.txt    output.err    output.txt    hello.txt
File   Edit   View      H1   i   B   I   ⊞   ⊟   ⊛   ⊜   ⊙   ⊖
apple
banana
cherry
dragon fruit
elderberry
hello
mango
world

Ln 1, Col 1  62 characters  Plain text  100%  Windows (CRLF)  UTF-8
Windows Start  File Explorer  Task View  Edge  Mail  OneDrive  Photos  News  Microsoft Store  Calendar  Taskbar  10:17
82%  05-02-2026
```

The terminal window title bar shows the command: C:\Users\soham\Developer\Python_Lab>sort hello.txt > clab.txt. The main pane displays the sorted content of the file 'clab.txt':

```
apple
banana
cherry
dragon fruit
elderberry
hello
mango
world
```

The status bar at the bottom shows the current date and time: 05-02-2026 10:17.