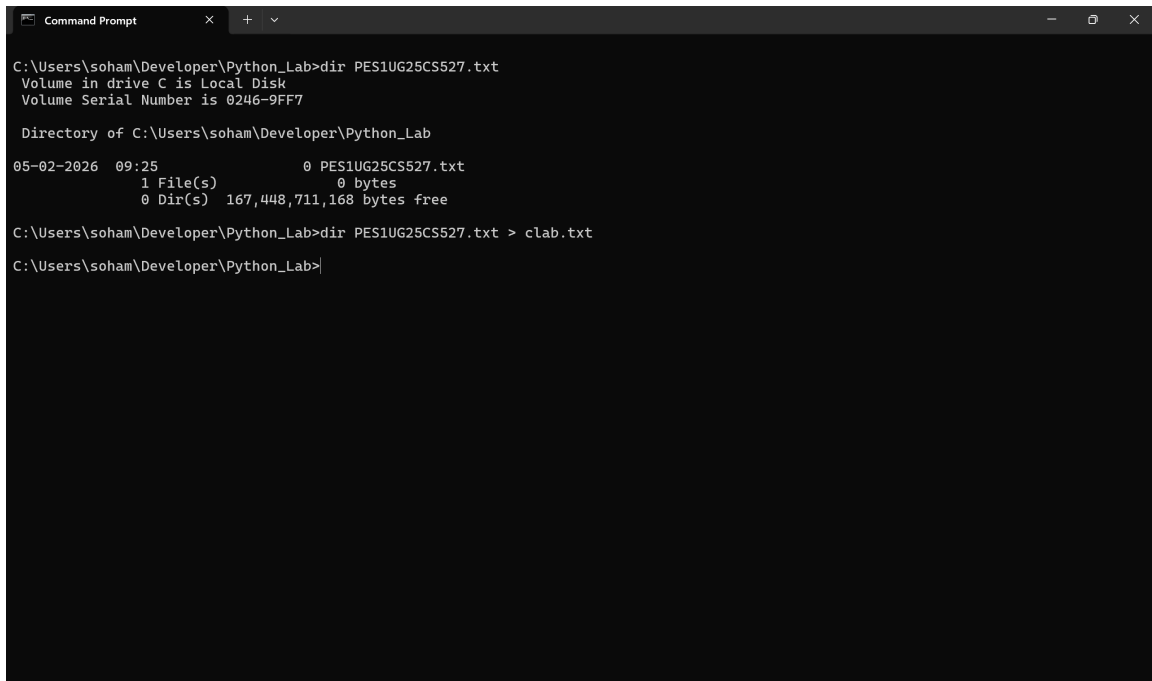


# Week 1

## 1. Command 1

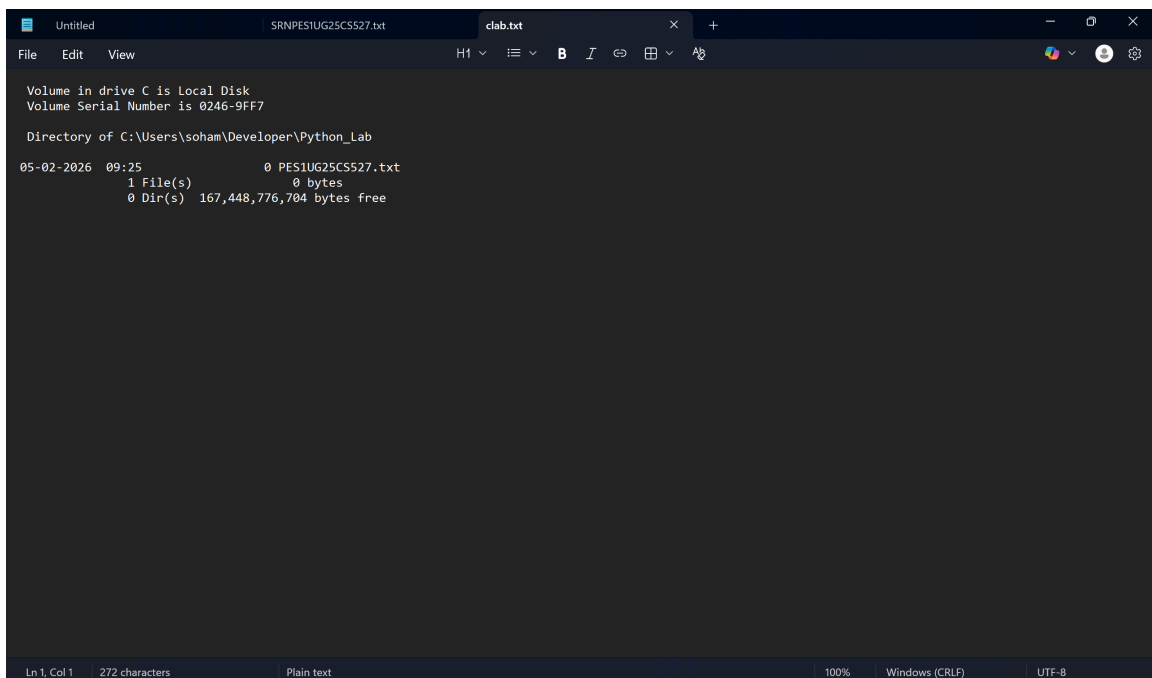


```
Command Prompt
C:\Users\soham\Developer\Python_Lab>dir PES1UG25CS527.txt
Volume in drive C is Local Disk
Volume Serial Number is 0246-9FF7

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>
```



```
Untitled - SRNPES1UG25CS527.txt - clab.txt
File Edit View H1 [Icons] B I [Icons] [Icons]
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

Ln 1, Col 1 272 characters Plain text 100% Windows (CRLF) UTF-8
```

## 2. Append

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

```
clab.txt
File Edit View H1 B I 100% Windows (CRLF) UTF-8

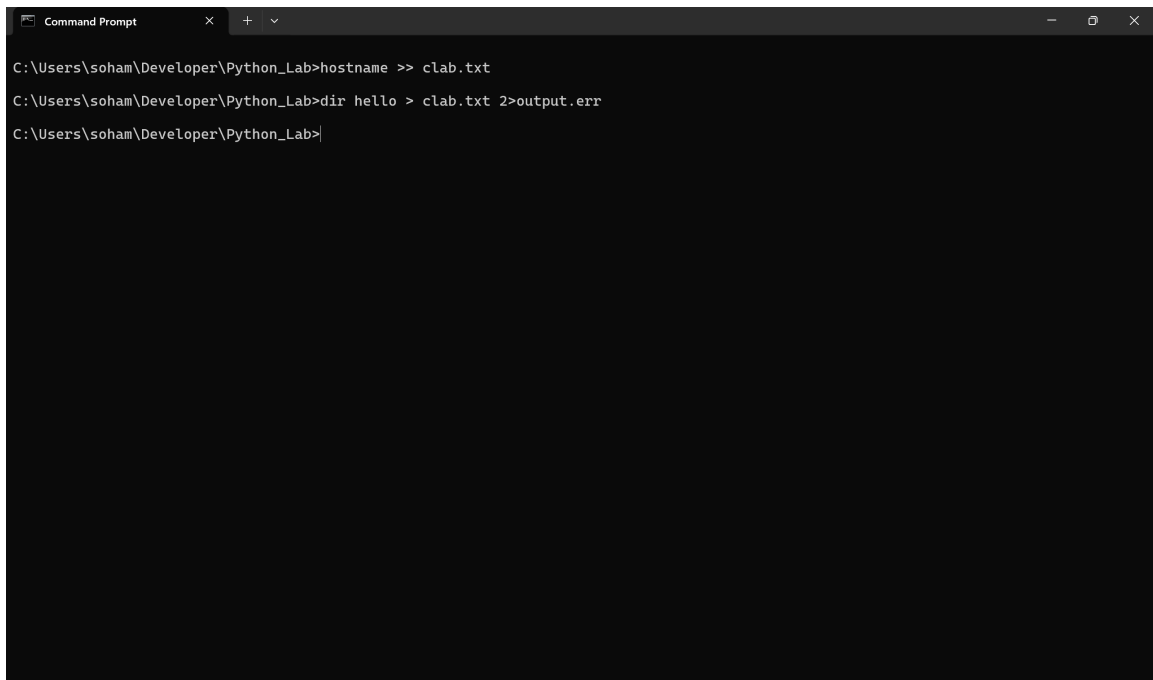
Volume in drive C is Local Disk
Volume Serial Number is 0246-9FF7

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

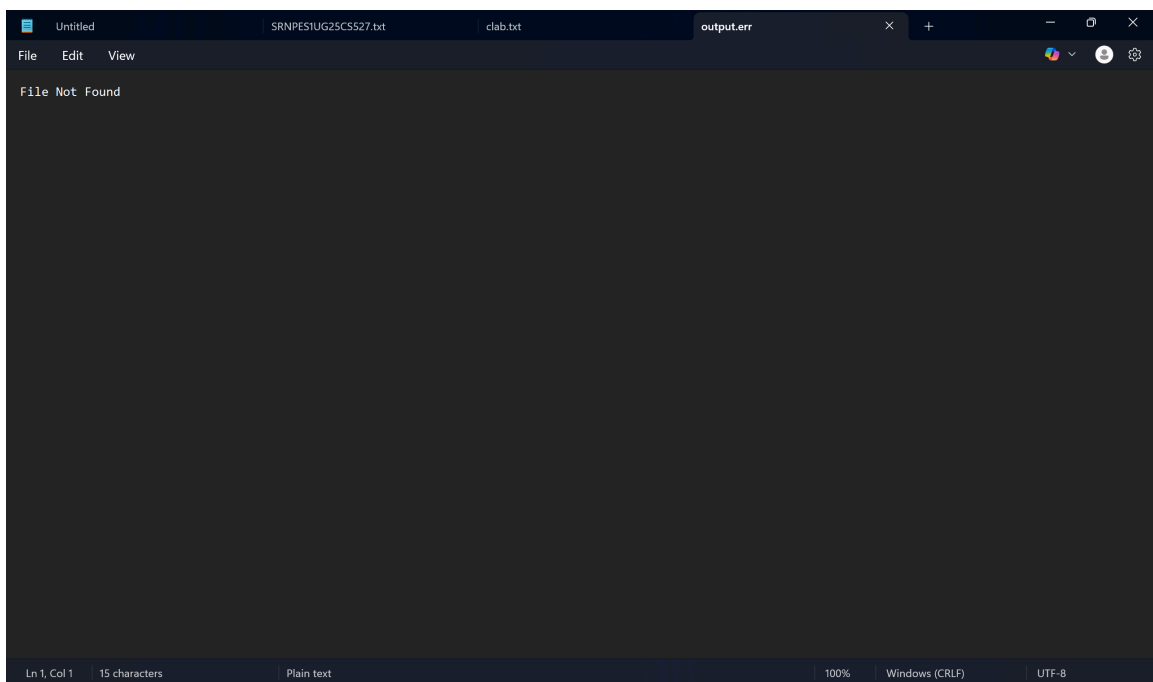
05-02-2026 09:25          0 PES1UG25CS527.txt
                1 File(s)          0 bytes
                0 Dir(s) 167,448,776,704 bytes free
DESKTOP-PC07K83

Ln 1, Col 1 288 characters Plain text
```

### 3. Command 3: Redirect Standard Error to File



```
Command Prompt
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>
```



```
Untitled
File Not Found
Ln 1, Col 1 15 characters Plain text 100% Windows (CRLF) UTF-8
```

#### 4. Command 4

```
Command Prompt
Microsoft Windows [Version 10.0.26200.7705]
(c) Microsoft Corporation. All rights reserved.

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

```
Untitled
SRNPESIU25CS527.txt
clab.txt
output.err
output.txt
File Edit View
H1
Volume in drive C is Local Disk
Volume Serial Number is 0246-9FF7

Directory of C:\Users\soham

File Not Found

Ln 1, Col 1 114 characters Plain text 100% Windows (CRLF) UTF-8
```

```
Microsoft Windows [Version 10.0.26200.7705]
(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>|
```

```
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
```

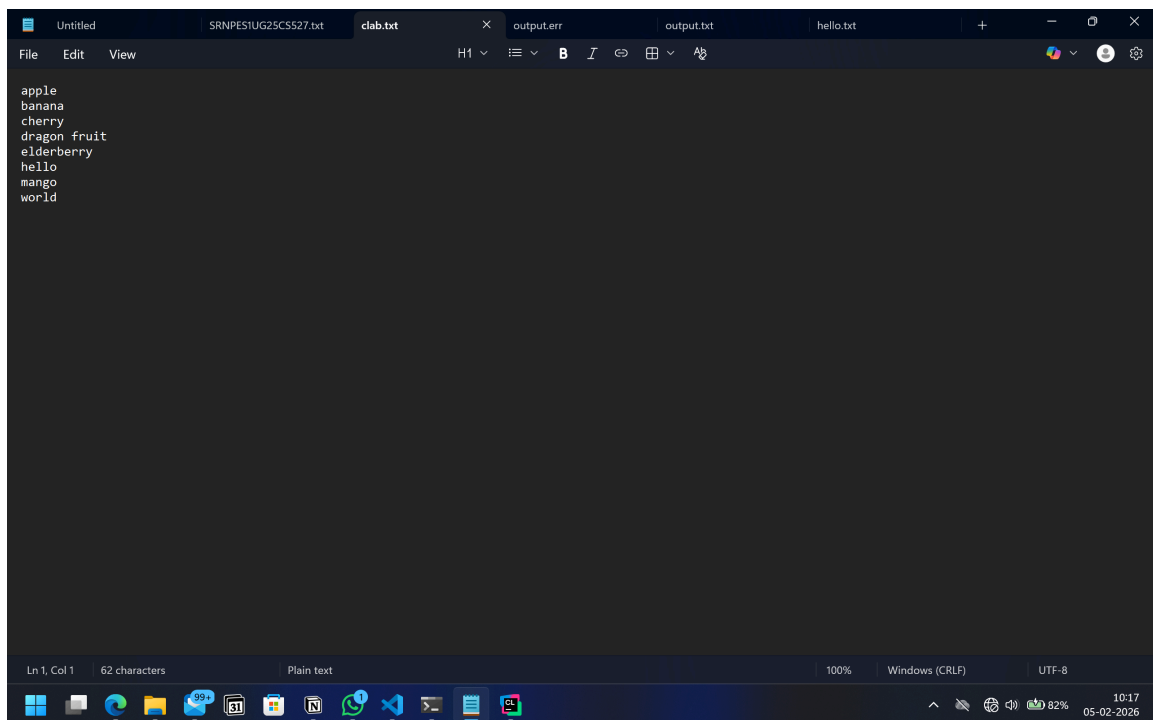
## 5. Command 5

```
Command Prompt
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>
```

```
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 Windows Notepad++ editor window with a dark theme. The title bar indicates the file is 'clab.txt'. The menu bar includes 'File', 'Edit', and 'View'. The toolbar shows various editing tools. The main text area contains the following text:

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

The status bar at the bottom shows 'Ln 1, Col 1', '62 characters', 'Plain text', '100%', 'Windows (CRLF)', 'UTF-8', and the system clock '10:17 05-02-2026'.