

## Operating System (Win\_Term)

### 1. Create a directory called MyFolder

```
C:\Users\Zayyan\Documents>mkdir MyFolder
```

### 2. Navigate into the MyFolder directory

```
C:\Users\Zayyan\Documents>cd MyFolder
```

### 3. Create a file called file1.txt inside MyFolder

```
C:\Users\Zayyan\Documents\MyFolder>echo > file1.txt
```

### 4. Write "Hello, World!" to file1.txt

```
C:\Users\Zayyan\Documents\MyFolder>echo "Hello, World!" > file1.txt
```

### 5. Display the contents of file1.txt

```
C:\Users\Zayyan\Documents\MyFolder>type file1.txt
```

```
"Hello, World!"
```

### 6. Create another file called file2.txt inside MyFolder

```
C:\Users\Zayyan\Documents\MyFolder>echo > file2.txt
```

### 7. Write multiple lines of text to file2.txt

```
C:\Users\Zayyan\Documents\MyFolder>(for %i in ("1st Line" "2nd Line" "3rd Line") do  
@echo %i) > file2.txt
```

### 8. Display the contents of file2.txt

```
type file2.txt
```

```
"1st Line"
```

```
"2nd Line"
```

```
"3rd Line"
```

### 9. Create a directory called SubFolder inside MyFolder

```
C:\Users\Zayyan\Documents\MyFolder>mkdir SubFolder
```

### 10. Write "Hello, World!" to file1.txt in SubFolder

```
C:\Users\Zayyan\Documents\MyFolder\SubFolder>echo "Hello, World!" > file1.txt
```

**11. Display the contents of file1.txt from inside SubFolder**

```
C:\Users\Zayyan\Documents\MyFolder\SubFolder>type file1.txt  
"Hello, World!"
```

**12. Delete file2.txt from MyFolder**

```
C:\Users\Zayyan\Documents\MyFolder>del file2.txt
```

**13. Write "Sample Text" to all three files: a.txt, b.txt, and c.txt**

```
C:\Users\Zayyan\Documents\MyFolder>for %i in (a.txt b.txt c.txt) do echo "Sample  
Text" > %i
```

**14. Delete all .txt files from MyFolder**

```
del *.txt
```

**15. Delete the SubFolder (including its contents)**

```
C:\Users\Zayyan\Documents\MyFolder>rmdir /s SubFolder
```

**16. Display current date**

```
C:\Users\Zayyan\Documents\MyFolder>date /t  
Sun 10/27/2024
```

**17. Display current time**

```
C:\Users\Zayyan\Documents\MyFolder>time /t  
10:29 PM
```

**18. Display system IP address**

```
C:\Users\Zayyan\Documents\MyFolder>ipconfig
```

**19. Make a copy of a file (a.txt)**

```
C:\Users\Zayyan\Documents\MyFolder>echo "Rafi" > a.txt  
C:\Users\Zayyan\Documents\MyFolder>echo > b.txt  
C:\Users\Zayyan\Documents\MyFolder>copy a.txt b.txt  
Overwrite b.txt? (Yes/No/All): Yes  
1 file(s) copied.
```

## 20. Copy a directory

```
C:\Users\Zayyan\Documents\MyFolder>xcopy SubFolder2 SubFolder1  
SubFolder2\b.txt  
1 File(s) copied
```

## 21. Move a directory

```
C:\Users\Zayyan\Documents\MyFolder>move SubFolder1 SubFolder2  
1 dir(s) moved.
```

## 22. Rename a file

```
C:\Users\Zayyan\Documents\MyFolder>ren SubFolder2 SubFolder3
```

## 23. Combine & merge a directory

```
C:\Users\Zayyan\Documents\MyFolder>copy a.txt+b.txt combine.txt  
a.txt  
b.txt  
1 file(s) copied.
```