TASK 2

A.Task : Create a backup of a directory - Use the cp command to create a backup copy of an entire directory, preserving its structure.

Structure of the directory venis:

```
venis@venis-VirtualBox:~$ tree
.
|-- Desktop
|-- DevOps
|   |-- Task2
|   |   `-- Assignment2.txt
|   |-- catcommand.txt
|   |-- copycommand.txt
|   |-- lesscommand.txt
|   |-- morecommand.txt
|   `-- newfile.txt
|-- Documents
|-- Downloads
|-- Music
|-- Pictures
|-- Public
|-- Templates
|-- Videos
`-- snap
    |-- firefox [error opening dir]
    |-- snapd-desktop-integration [error opening dir]
    `-- tree
        |-- 18
        |-- common
        `-- current -> 18

17 directories, 6 files
venis@venis-VirtualBox:~$ 
```

Structure after creating DevOps_Backup

```
venis@venis-VirtualBox:~$ cp -r ~/DevOps ~/DevOps_Backup
venis@venis-VirtualBox:~$ ls
Desktop  DevOps  DevOps_Backup  Documents  Downloads  Music  Pictures  Public  snap  Templates  Videos
venis@venis-VirtualBox:~$ tree
.
|-- Desktop
|-- DevOps
|   |-- Task2
|   |   `-- Assignment2.txt
|   |-- catcommand.txt
|   |-- copycommand.txt
|   |-- lesscommand.txt
|   |-- morecommand.txt
|   `-- newfile.txt
|-- DevOps_Backup
|   |-- Task2
|   |   `-- Assignment2.txt
|   |-- catcommand.txt
|   |-- copycommand.txt
|   |-- lesscommand.txt
|   |-- morecommand.txt
|   `-- newfile.txt
|-- Documents
|-- Downloads
|-- Music
|-- Pictures
|-- Public
|-- Templates
|-- Videos
`-- snap
    |-- firefox [error opening dir]
    |-- snapd-desktop-integration [error opening dir]
    `-- tree
        |-- 18
        |-- common
        `-- current -> 18

19 directories, 12 files
venis@venis-VirtualBox:~$ 
```

B.Task: Delete files that match a specific pattern - Use the rm command with wildcards to delete files that match a certain pattern (e.g., all .tmp files in a directory).

Ex : Remove all the txt file from Directory1

Before:

```
venis@venis-VirtualBox:~/Directory1$ tree
.
|-- backup.tmp
|-- data.csv
`-- smallfile.txt
```

Command to remove all .tmp files from Directory1: *rm -r Directory1/*.tmp*

After:

```
venis@venis-VirtualBox:~$ rm -r Directory1/*.tmp
venis@venis-VirtualBox:~$ tree Directory1
Directory1
|-- data.csv
`-- smallfile.txt
```