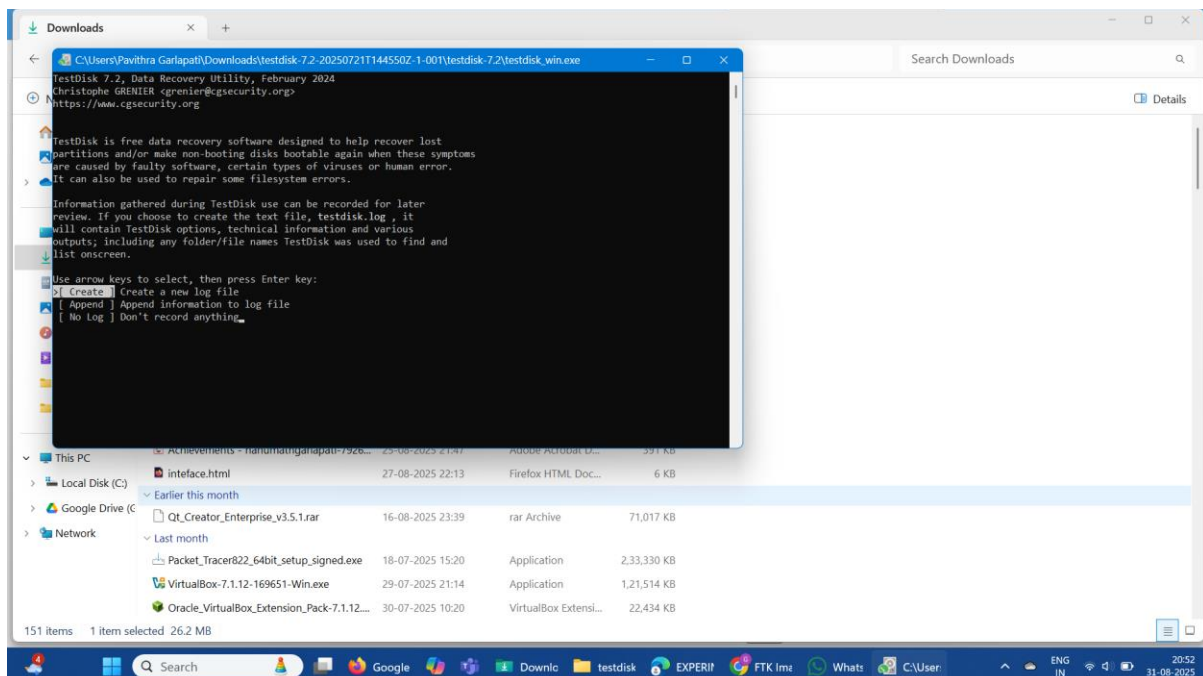


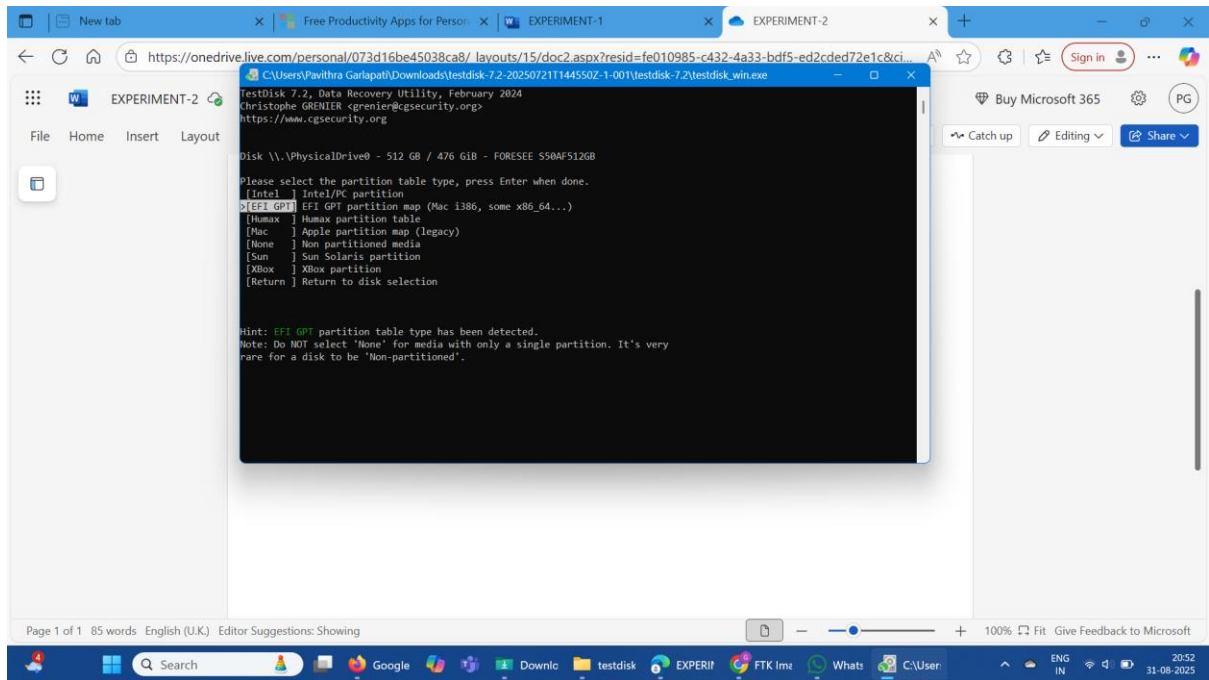
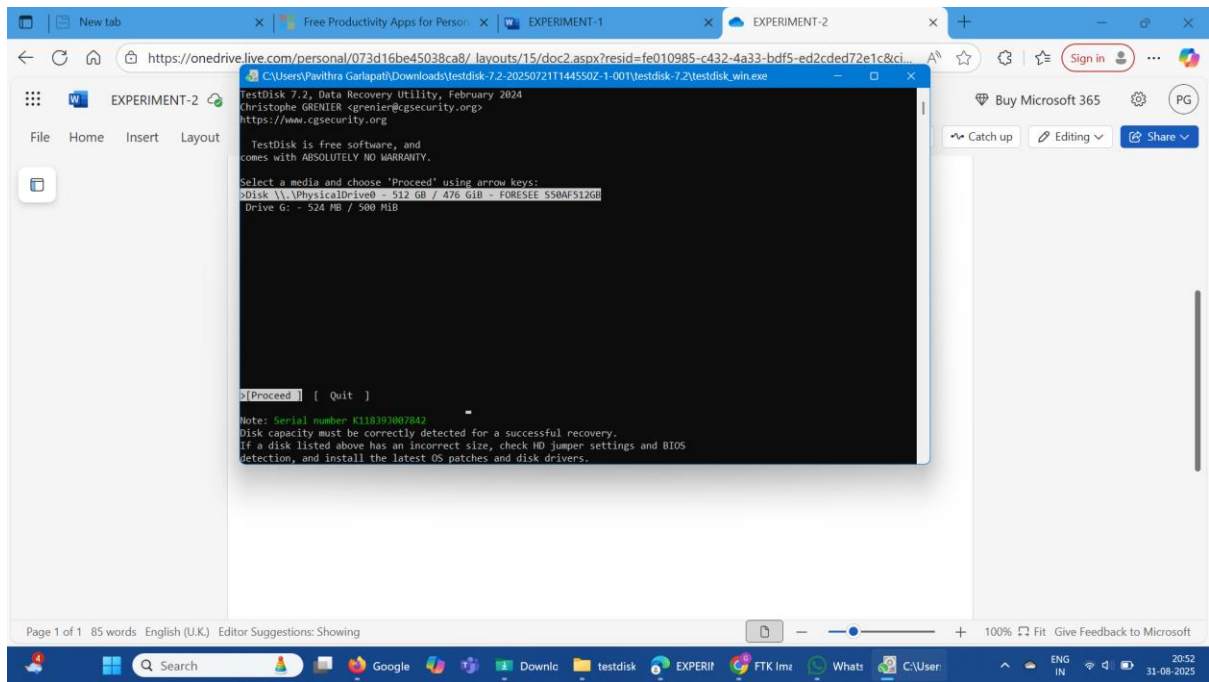
## EXPERIMENT-2

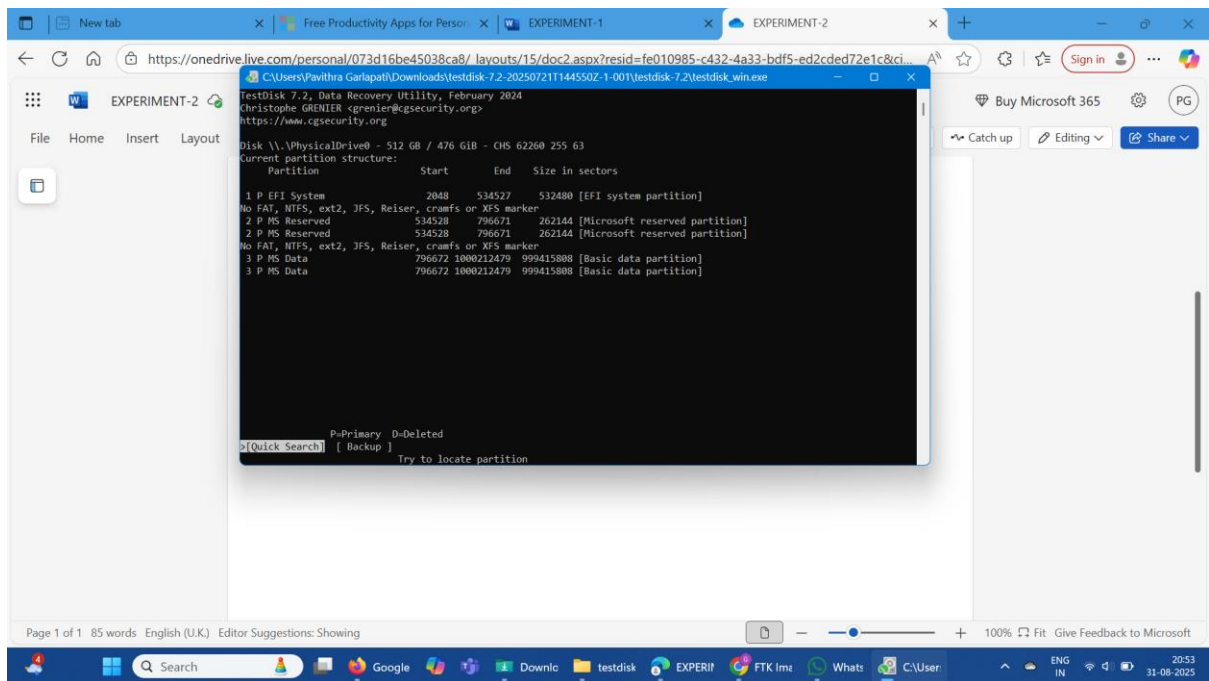
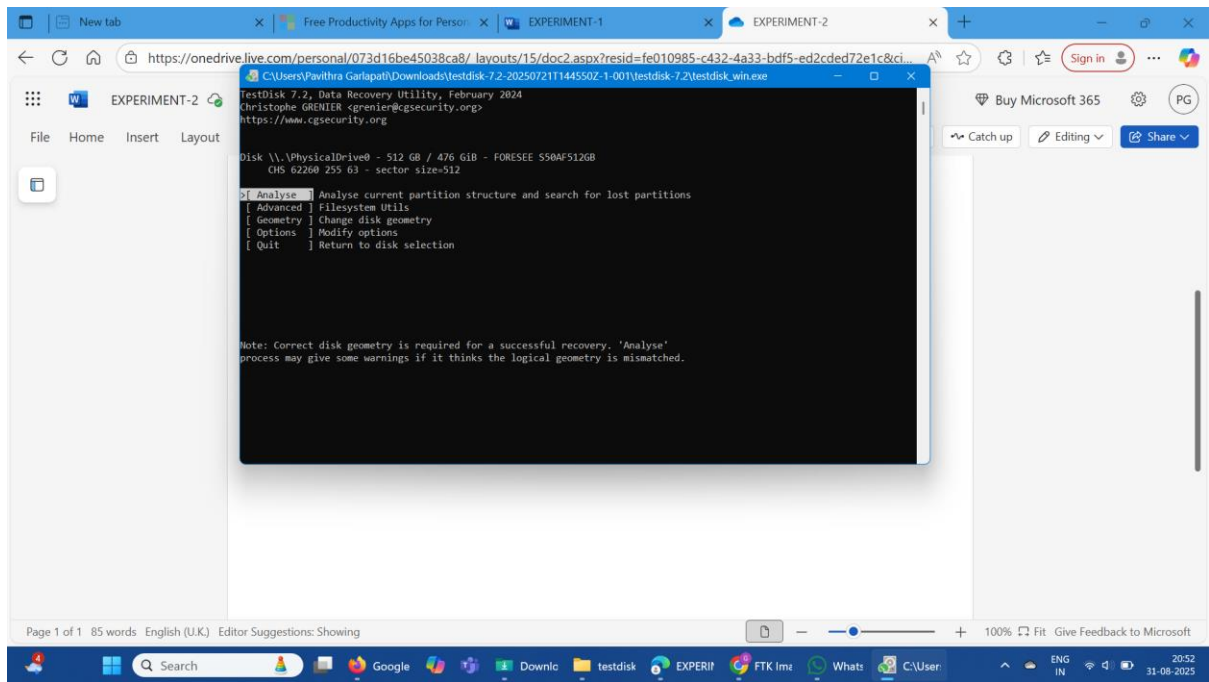
### TestDisk

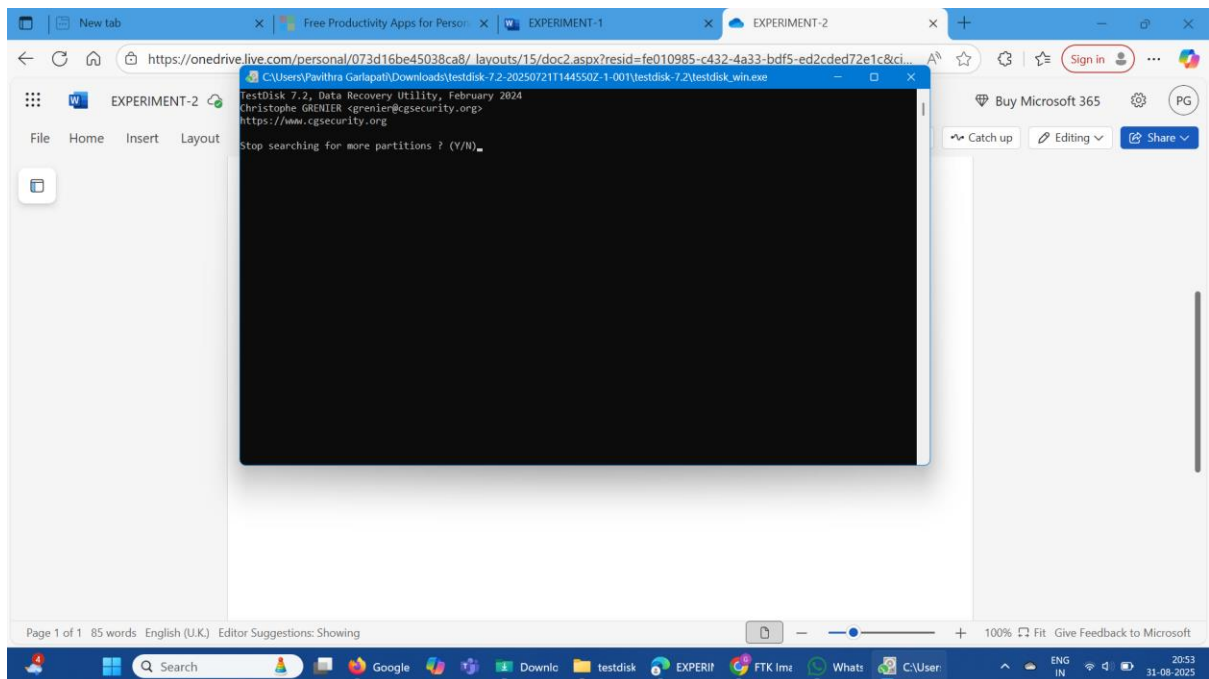
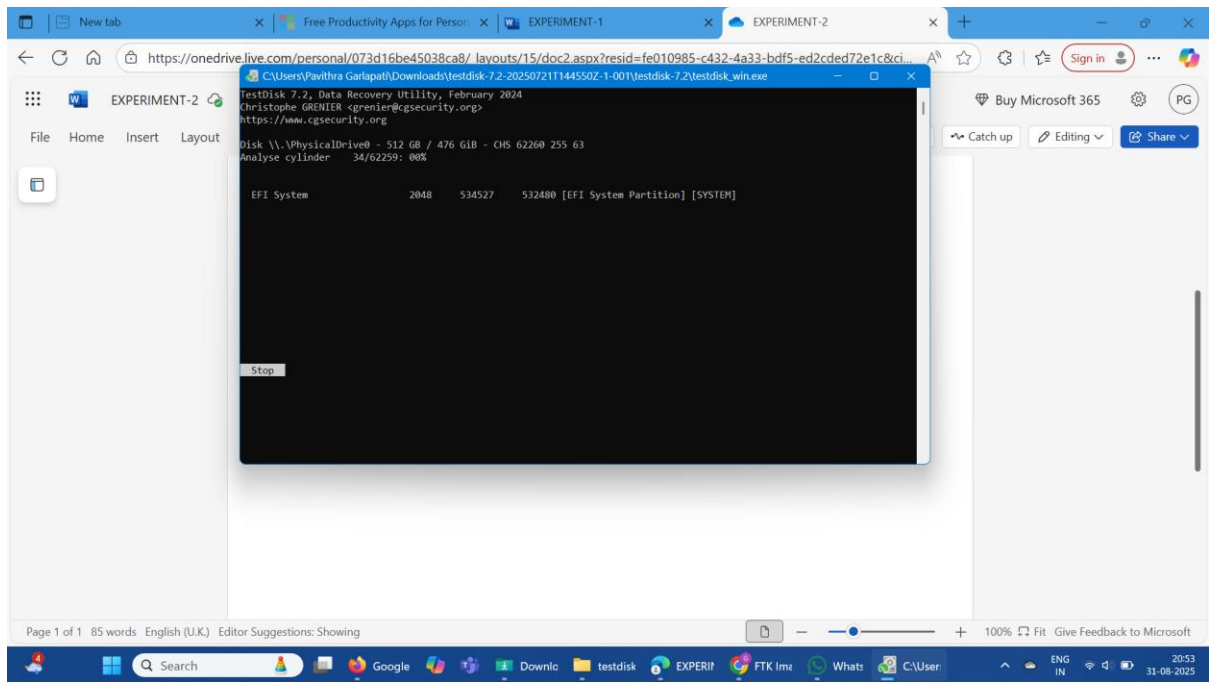
- **Aim:**  
To recover lost partitions, repair disk structures, and restore deleted data.
- **Tools/Features:**
  - Partition recovery (FAT, NTFS, ext2/3/4, etc.)
  - Repair corrupted partition tables & boot sectors
  - Restore deleted partitions
  - Copy files from deleted/corrupt partitions
  - Works on many OS (Windows, Linux, macOS)
- **Process:**
  - Launch TestDisk (command-line tool).
  - Select the disk to analyze.
  - Choose partition table type (auto-detect or manual).
  - Run **Analyze** to search for lost partitions.
  - View detected partitions → recover/restore as needed.
  - Write recovered partition structure to disk.
  - Exit and verify recovery.

### OUTPUT:









- **Result:**  
Lost or corrupted partitions/files were successfully recovered, and the disk structure was restored using **TestDisk** without altering original data.