- • Using insmod, load the driver dof.ko. On 512 KB of RAM, block device files representing the disc would be created, with two primary partitions.
- Examine the /dev/dof* block device files that were created automatically. The full disc, which is 512 KB in size, is represented by /dev/dof. The primary partitions are dof1 and dof2.
- Using the disc dump utility dd, read the entire disc (/dev/dof).
- Using dd, zero out the first sector of the disk's first partition (/dev/dof1).
- Using “cat”, enter some text into the disk's first partition (/dev/dof1).
- Using the “xxd” utility, display the contents of the first partition (/dev/dof1). “xxd” output can be found in the log.
- Display the partition information for the disc using “fdisk”. The output of “fdisk” can be found in the log.
- Using “mkfs.vfat”, quick-format the second primary partition (/dev/dof2) into a vfat filesystem (like your pen drive).
- Use mount to mount the newly formatted partition, say at /mnt.
- According to the disc utilisation utility df, this partition is now mounted at /mnt. There is space to store files there.
- After unmounting the partition with umount /mnt, unload the driver with rmmod dof. The whole contents of the disc will be erased.