- Load the driver dof.kousing insmod. This would create the block device files representing the disk on 512 KB of RAM, with two primary partitions.
- Check out the automatically created block device files (/dev/dof*). /dev/dof is the entire disk, which is 512 KB in size. dof1 and dof2 are the primary partitions.
- Read the entire disk (/dev/dof) using the disk dump utility dd.
- Zero out the first sector of the disk's first partition (/dev/dof1), again using dd.
- Write some text into the disk's first partition (/dev/dof1) using cat.
- Display the initial contents of the first partition (/dev/dof1) using the xxd utility. See the log for xxd output.
- Using fdisk, display the partition information for the disc. Fdisk output can be found in the log.
- Quick-format the second primary partition (/dev/dof2) as a vfat filesystem (like your pen drive), using mkfs.vfat.
- Mount the newly formatted partition using mount, say at /mnt.
- This partition is now mounted at /mnt, according to the disc utilisation application df. It is possible to store files there.
- Unload the driver using rmmod dof after unmounting the partition using umount /mnt. All data on the disk will be lost.