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Howto find out or Learn harddisk size in Linux or UNIX

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Q. How do I find out or learn hard disk size in Linux?

A. Under Linux and UNIX you can use df command. df command displays the amount of disk space available on the file system containing each file name argument. If no file name is given, the space available on all currently mounted file systems is shown.

[1]

Task: Display hard disk partition size

$ df

Output:

```
Filesystem           1K-blocks      Used Available Use% Mounted on
/dev/hdb1            19228276  14699744   3551784  81% /
tmpfs                  384300         4    384296   1% /dev/shm
/dev/hdb5            27917308  23883184   2615988  91% /data/network
```

Task: Display hard disk partition size in Mega bytes

$ df -H

Output:

```
Filesystem            Size  Used  Avail Use% Mounted on
/dev/hdb1             20G   16G   3.7G  81% /
tmpfs                394M   4.1k  394M   1% /dev/shm
/dev/hdb5             29G   25G   2.7G  91% /data/network
```

Task: Display TOTAL hard disk size

fdisk command is partition table manipulator for Linux. But it can be use to display total hard disk site. You must type the following command as the root user:

fdisk -l | grep Disk

Output:

```
Disk /dev/hda: 20.0 GB, 20060651520 bytes
Disk /dev/hdb: 80.0 GB, 80060424192 bytes
```

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