

```
megha@megha-VirtualBox:~$ cat > prgm1.sh
#!/bin/bash
```

```
echo "Currently logged user is : "
who
echo
```

```
echo "current shell is : "
ps
echo
```

```
echo "Home directory is : "
eval echo $USER
echo
```

```
echo "operating system type is: "
lsb_release -a
echo
```

```
echo "currently working directory is : "
pwd
megha@megha-VirtualBox:~$ bash prgm1.sh
Currently logged user is :
megha  :0      2021-09-24 19:21 (:0)
```

```
current shell is :
  PID TTY          TIME CMD
 1689 pts/0    00:00:00 bash
 2502 pts/0    00:00:00 bash
 2504 pts/0    00:00:00 ps
```

```
Home directory is :
megha
```

```
operating system type is:
No LSB modules are available.
Distributor ID:   Ubuntu
Description:      Ubuntu 20.04.2 LTS
Release:         20.04
Codename:         focal
```

```
currently working directory is :
/home/megha
megha@megha-VirtualBox:~$ cat > prgm2.sh
#!/bin/bash
```

```
echo "OS and version, release number , kernal version is : "
cat /etc/os-release
echo
```

```
echo "All available shell is : "
cat /etc/shells
echo
```

```
echo "File system is : "
df -h
```

```
megha@megha-VirtualBox:~$ bash prgm2.sh
OS and version, release number , kernal version is :
NAME="Ubuntu"
VERSION="20.04.2 LTS (Focal Fossa)"
ID=ubuntu
ID_LIKE=debian
PRETTY_NAME="Ubuntu 20.04.2 LTS"
VERSION_ID="20.04"
HOME_URL="https://www.ubuntu.com/"
SUPPORT_URL="https://help.ubuntu.com/"
BUG_REPORT_URL="https://bugs.launchpad.net/ubuntu/"
PRIVACY_POLICY_URL="https://www.ubuntu.com/legal/terms-and-policies/privacy-policy"
VERSION_CODENAME=focal
UBUNTU_CODENAME=focal
```

All available shell is :

```
# /etc/shells: valid login shells
```

```
/bin/sh
/bin/bash
/usr/bin/bash
/bin/rbash
/usr/bin/rbash
/bin/dash
/usr/bin/dash
```

File system is :

Filesystem	Size	Used	Avail	Use%	Mounted on
udev	803M	0	803M	0%	/dev
tmpfs	167M	1.3M	165M	1%	/run
/dev/sda5	39G	9.2G	28G	25%	/
tmpfs	832M	0	832M	0%	/dev/shm
tmpfs	5.0M	4.0K	5.0M	1%	/run/lock
tmpfs	832M	0	832M	0%	/sys/fs/cgroup
/dev/loop4	56M	56M	0	100%	/snap/core18/2066
/dev/loop1	219M	219M	0	100%	/snap/gnome-3-34-1804/72
/dev/loop0	219M	219M	0	100%	/snap/gnome-3-34-1804/66
/dev/loop5	66M	66M	0	100%	/snap/gtk-common-themes/1515
/dev/loop3	56M	56M	0	100%	/snap/core18/2128
/dev/loop6	51M	51M	0	100%	/snap/snap-store/542
/dev/loop7	51M	51M	0	100%	/snap/snap-store/547
/dev/loop2	65M	65M	0	100%	/snap/gtk-common-themes/1514
/dev/loop9	33M	33M	0	100%	/snap/snapd/12883
/dev/loop8	33M	33M	0	100%	/snap/snapd/12057
/dev/sda1	511M	4.0K	511M	1%	/boot/efi
tmpfs	167M	20K	167M	1%	/run/user/1000

```
megha@megha-VirtualBox:~$
```