



meera1120@meera1120-VirtualBox: ~/Desktop/nsa/exc6

```
meera1120@meera1120-VirtualBox:~/Desktop/nsa/exc6$ nano sample.sh
```

```
meera1120@meera1120-VirtualBox:~/Desktop/nsa/exc6$ cat sample.sh
```

```
#!/bin/bash
```

```
echo -n "currently logged user and his log in name = "
```

```
whoami
```

```
echo -n "current shell = "
```

```
which bash
```

```
echo -n "home directory = "
```

```
echo $HOME
```

```
echo -n "operating system type = "
```

```
uname
```

```
echo -n "current working directory = "
```

```
pwd
```

```
meera1120@meera1120-VirtualBox:~/Desktop/nsa/exc6$ bash sample.sh
```

```
currently logged user and his log in name = meera1120
```

```
current shell = /usr/bin/bash
```

```
home directory = /home/meera1120
```

```
operating system type = Linux
```

```
current working directory = /home/meera1120/Desktop/nsa/exc6
```

```
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```



meera1120@meera1120-VirtualBox: ~/Desktop/nsa/exc6

```
meera1120@meera1120-VirtualBox:~/Desktop/nsa/exc6$ nano sample2.sh
```

```
meera1120@meera1120-VirtualBox:~/Desktop/nsa/exc6$ cat sample2.sh
```

```
#!/bin/bash
```

```
echo ""
```

```
echo "1) os and version,release number,kernel details "
```

```
echo "=====
```

```
cat /etc/os-release
```

```
echo ""
```

```
echo " 2) all available shells"
```

```
echo "=====
```

```
cat /etc/shells
```

```
echo ""
```

```
echo " 3) file systems"
```

```
echo "=====
```

```
df -h
```

```
meera1120@meera1120-VirtualBox:~/Desktop/nsa/exc6$ bash sample2.sh
```

```
1) os and version,release number,kernel details
```

```
=====
```

```
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
```

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

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

3) file systems

```
=====
Filesystem      Size  Used Avail Use% Mounted on
udev            965M     0  965M   0% /dev
tmpfs           199M   1.4M  198M   1% /run
/dev/sda5       9.3G   8.0G  893M  91% /
tmpfs           993M     0  993M   0% /dev/shm
tmpfs           5.0M   4.0K   5.0M   1% /run/lock
tmpfs           993M     0  993M   0% /sys/fs/cgroup
/dev/loop1      128K  128K     0 100% /snap/bare/5
/dev/loop0       56M   56M     0 100% /snap/core18/2128
/dev/loop2       56M   56M     0 100% /snap/core18/2066
/dev/loop3      219M  219M     0 100% /snap/gnome-3-34-1804/66
/dev/loop5       66M   66M     0 100% /snap/gtk-common-themes/1515
/dev/loop4      219M  219M     0 100% /snap/gnome-3-34-1804/72
/dev/loop6       66M   66M     0 100% /snap/gtk-common-themes/1519
/dev/loop7       52M   52M     0 100% /snap/snap-store/518
/dev/loop8       51M   51M     0 100% /snap/snap-store/547
/dev/loop9       33M   33M     0 100% /snap/snapd/12883
/dev/loop10      33M   33M     0 100% /snap/snapd/13170
/dev/sda1       511M   4.0K  511M   1% /boot/efi
tmpfs           199M   28K  199M   1% /run/user/1000
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```