

EXPERIMENT 4

Write shell script to show various system configuration like

1. About your os and version, release number, kernel version
2. Show all available shells
3. Show mouse settings
4. Show computer CPU information like processor type, speed etc
5. Show memory information
6. Show hard disk information like size of hard-disk, cache memory, model etc
7. File system (Mounted)

Procedure :

1. Create a shell file and save as example.sh in home directory
2. Open terminal and goto home directory and type “ chmod +x path of program”
3. then type ./example.sh to execute the file

Source Code (example.sh) :

```
echo -e ".....OS....."
echo -e "`cat /etc/os-release`"

echo -e ".....Available Shells....."
echo "`cat /etc/shells`"

echo -e ".....Mouse information....."
echo -e "`xset q`"

echo ".....Memmory Information....."
echo -e "`cat /proc/meminfo`"

echo ".....Hard disk information....."
echo -e "Driver: `sudo hdparm -I /dev/sda`"

echo -e ".....File mounted....."
echo "`cat /proc/mounts`"
```