

-->Write a Shell script to display the available space in the all files (in mb) and display it in below manner?

output format:

FileSystem	Avail
File1	space_M
File2	space_M
.	.
.	.
.	.

Source code:

```
1 #!/bin/bash
2 df -h > df.txt
3 l=0 #max characters length of the 1st column of the df.txt
4 ar=() #characters length of 1st column of df.txt
5 j=0
6 while read line
7 do
8     c=`echo $line | cut -d ' ' -f 1 | wc -c`
9     ar[j]=$c
10    let j++
11    if [ $c -gt $l ]
12    then
13        let l=c
14    fi
15 done < df.txt
16 i=0
17 while read line
18 do
19     echo -n `echo $line | cut -d ' ' -f 1`
20     e=${ar[$i]}
21     let r=c-e
22     for((k=0;k<r;k++))
23     do
24         echo -n ' '
25     done
26     echo -n ' '
27     t=`echo $line | cut -d ' ' -f 4`
28     if [ $i = 0 ]
29     then
30         echo $t
31     else
32         y=`echo -n $t | wc -c`
33         x=`echo $t | cut -c $y`
34         if [ $x = G ]
35         then
36             u=''
37             for ((q=1;q<y;q++))
38             do
39                 u=$u`echo $t | cut -c $q`
40             done
41             echo `echo $u*1024 | bc`'M'
42         else
43             echo $t
44         fi
45     fi
46     let i++
47 done < df.txt
```

Output:

```
sis@sis-VirtualBox:~$ bash teja.sh
```

Filesystem	Avail
tmpfs	197M
/dev/sda3	12288M
tmpfs	988M
tmpfs	5.0M
/dev/sda2	507M
tmpfs	196M
/dev/sr0	0