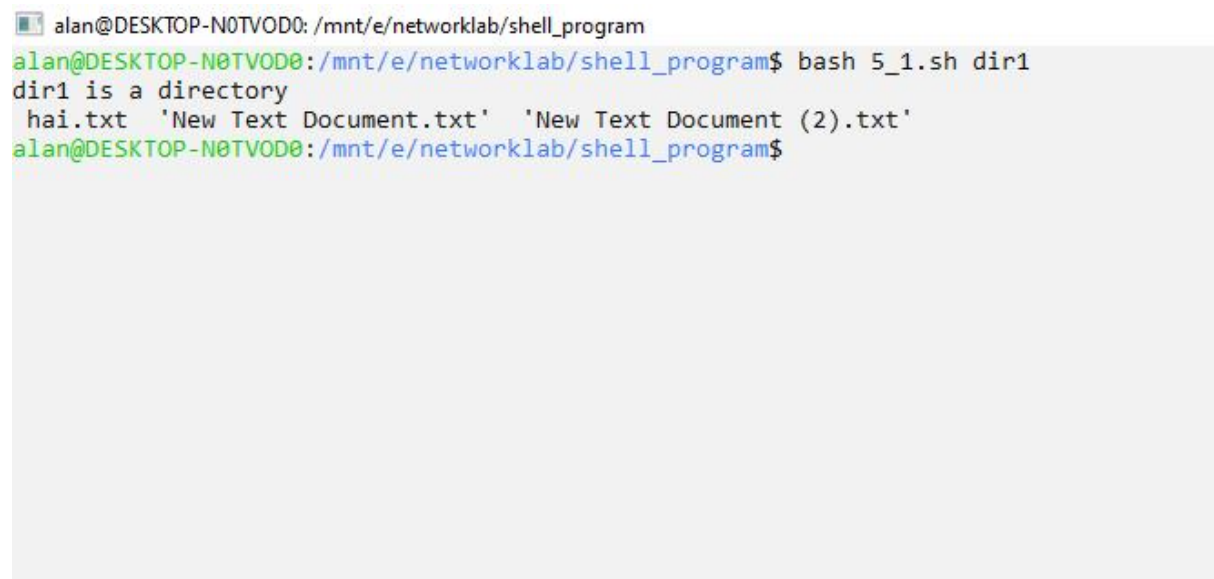


5.1 Write a shell script that receives a file or directory name as argument check whether the supplied name is a directory. If is a directory then print all the file details in that directory in reverse order.

```
fname=$1;
if [ -d $fname ]
then
echo "$fname is a directory";
ls -r $fname
else
echo "$fname is not a directory";
Fi
```



```
alan@DESKTOP-N0TVOD0: /mnt/e/networklab/shell_program
alan@DESKTOP-N0TVOD0:/mnt/e/networklab/shell_program$ bash 5_1.sh dir1
dir1 is a directory
hai.txt 'New Text Document.txt' 'New Text Document (2).txt'
alan@DESKTOP-N0TVOD0:/mnt/e/networklab/shell_program$
```

5.2 Write a shell script to print Fibonacci series up to limit n

```
echo "enter the limit";
read n;
first=0;
secnd=1;
res=0;

while [ $res -le $n ]
do
echo -n " $res";
first=$secnd;
secnd=$res;
res=$((first+$secnd));
done
```

```
alan@DESKTOP-N0TVOD0: /mnt/e/networklab/shell_program
alan@DESKTOP-N0TVOD0:/mnt/e/networklab/shell_program$ bash 5_2.sh
enter the limit
5
0 1 1 2 3 5alan@DESKTOP-N0TVOD0:/mnt/e/networklab/shell_program$ bash 5_2.sh
enter the limit
10
0 1 1 2 3 5 8alan@DESKTOP-N0TVOD0:/mnt/e/networklab/shell_program$ bash 5_2.sh
enter the limit
15
0 1 1 2 3 5 8 13alan@DESKTOP-N0TVOD0:/mnt/e/networklab/shell_program$
```