

## Experiment 12

Date 19/10/23  
Roll no: A0

Aim: Write a shell script to list all directories files in a directory

Theory:

What is a shell?

Technically speaking in UNIX Language, it is an interface between the user and operating system service. A shell provides users with an interface that not only accepts human readable commands but also executes them.

An operating system consists of many parts, but the 2 core parts are the kernel and shell, we know that the kernel is like the atom of the operating system, the sole heart of the operating system. The kernel works as a mediator between the software and hardware.

Program:

```
#!/bin/bash
echo "enter directory name"
read dir
if [ -d $dir ]
then
```

3A

guest-glibc@ubuntu: - ssh hprg6.sh

enter directory name

dir

list files in the directory

drwxrwxr-x 4 guest-glibc guest-glibc 4096

2012-07-06 14:40 dir





```
echo "list of files in directory"  
is -l $dir [egrep "d"  
else "  
echo "enter proper directory name"  
fi
```

conclusion : Hence we have written a shell script to list all directories files in a directory.

~~26/11/23~~