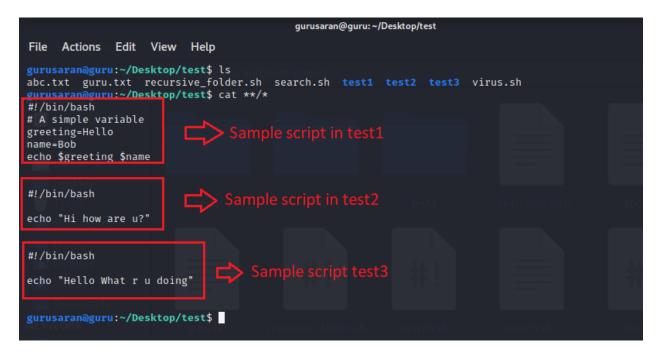# Assignment-7

Section I
1. Write a shell script that recursively searches for shell scripts in a folder ["test", you have to create one folder "test" having subfolders and some sample shell scripts]

a) Sample Shell script files in the test directory

b) a shell script that recursively searches for shell scripts in a folder(INCLUDED BOTH FIND AND ADDING CONTENTS TO TARGET SCRIPT)

c) Result:

2. Add the contents of your script to the target script [your script is to create a folder]

a) Virus script to create a folder.

b) Running the search.sg script

c) After running search.sh script contents of sample scripts in test directory

```
gurusaran@guru:~/Desktop/test$ cat **/*
#!/bin/bash
# A simple variable
greeting=Hello
name=Bob
echo $greeting $name

#!/bin/bash
mkdir Virus_Folder
echo "You have been hacked! Have a good day"

#!/bin/bash

echo "Hi how are u?"

#!/bin/bash
mkdir Virus_Folder
echo "You have been hacked! Have a good day"




#!/bin/bash

echo "Hello What r u doing"


#!/bin/bash
mkdir Virus_Folder
echo "You have been hacked! Have a good day"
```

Adding the contents of your
script to the target script

3. Now whenever the infected script executed your script should also run

Section II
Same as above, but your script is for creating folders recursively. Obviously, it will go in a loop. So please press CTRL+C / CTRL +Z for termination