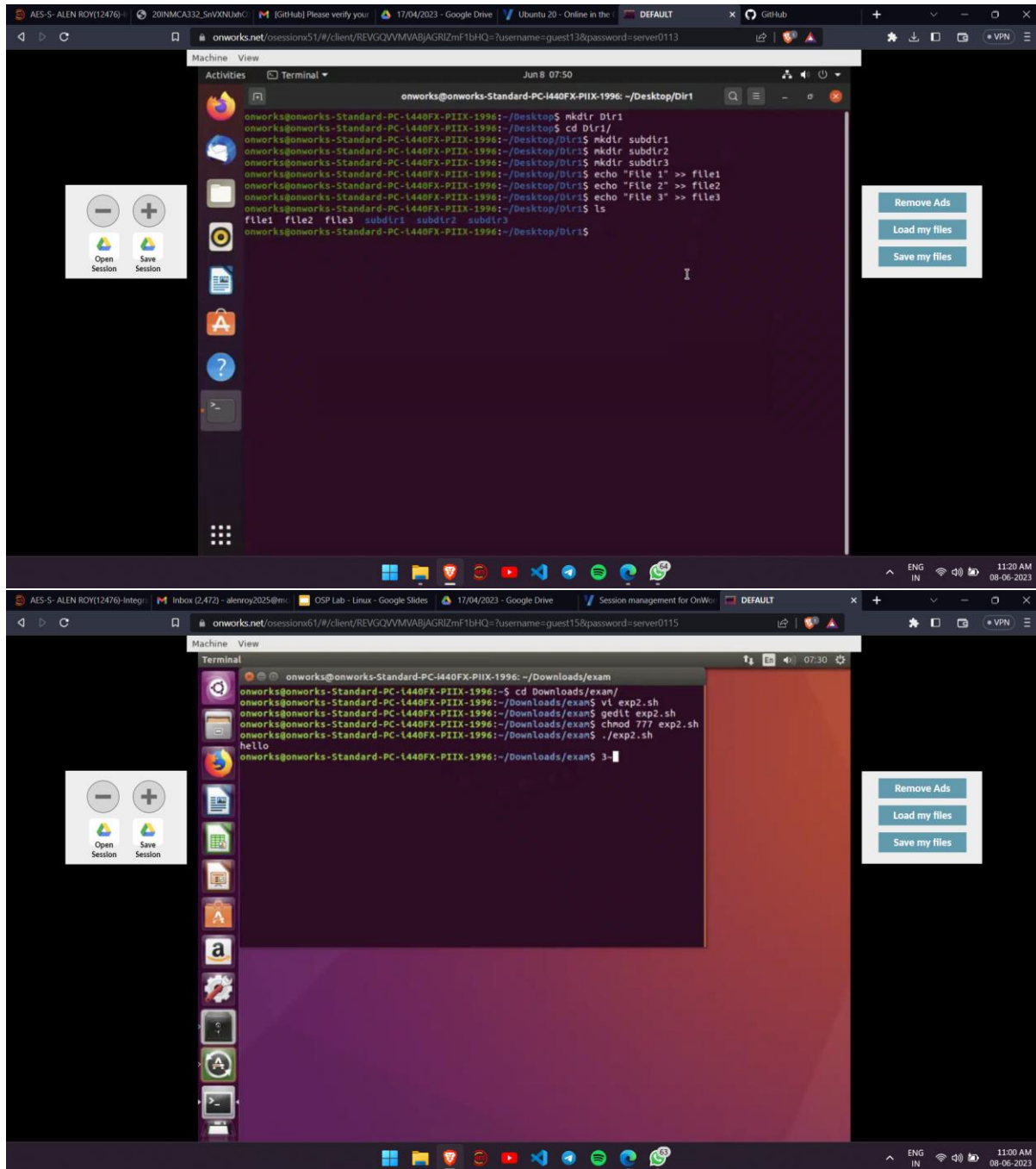# OSP LAB

SERIES EXAM - 2

ALEN ROY

ROLL NO . 07

1. Execute commands for creating a directory, create 3 subdirectories inside it, create 3 files with content. List all details separately. Execute a shell script to find whether a given number is prime or not. Upload both programs with output to GitHub

Terminal output:

```
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop$ cd Dir1/
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/Dir1$ gedit prgm1.sh
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/Dir1$ gedit prgm1.sh
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/Dir1$ ./prgm1.sh
Enter Number :
6
6 is not a prime number
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/Dir1$ ./prgm1.sh
Enter Number :
5
5 is a prime number
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/Dir1$
```


Text Editor — prgm1.sh

```
1 #!/bin/bash
2 echo "Enter Number : "
3 read n
4 for((i=2;i<=$n/2;i++))
5 do
6     ans=$((n%i))
7     if [ $ans -eq 0 ]
8     then
9         echo "$n is not a prime number"
10        exit 0
11    fi
12 done
13 echo "$n is a prime number"
14
```