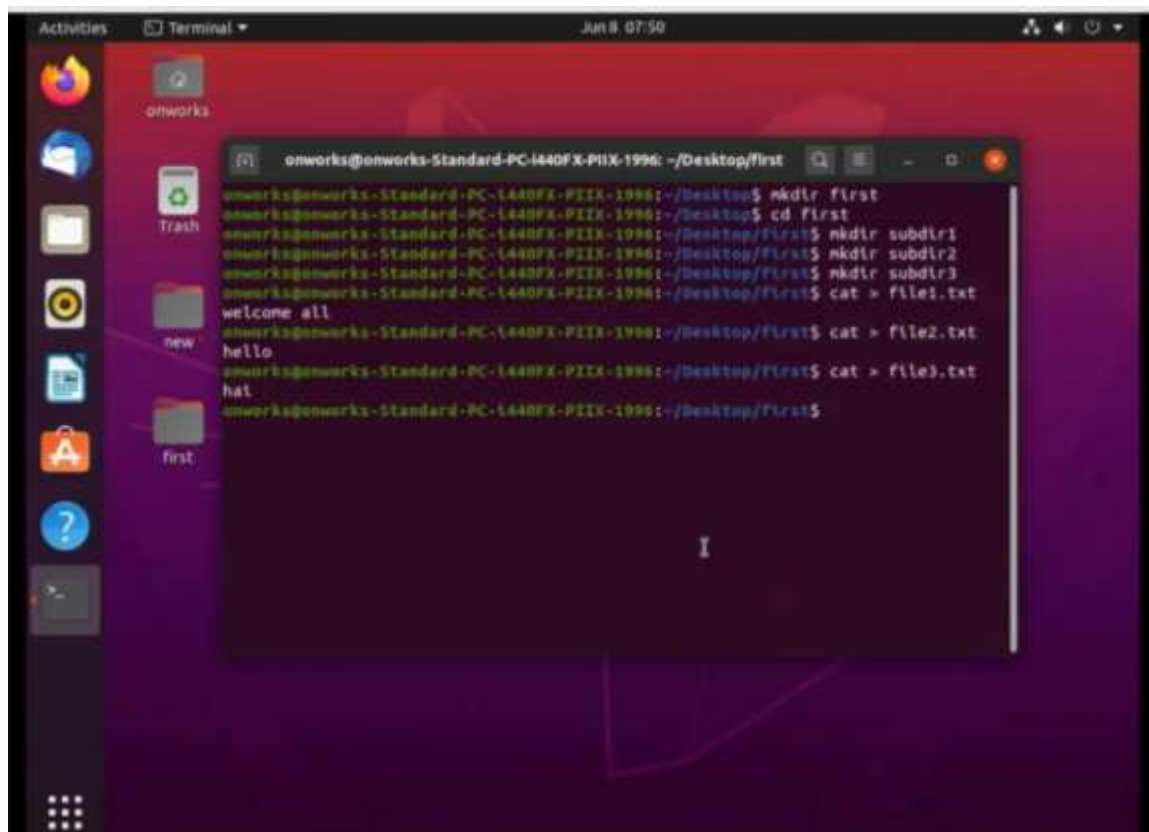


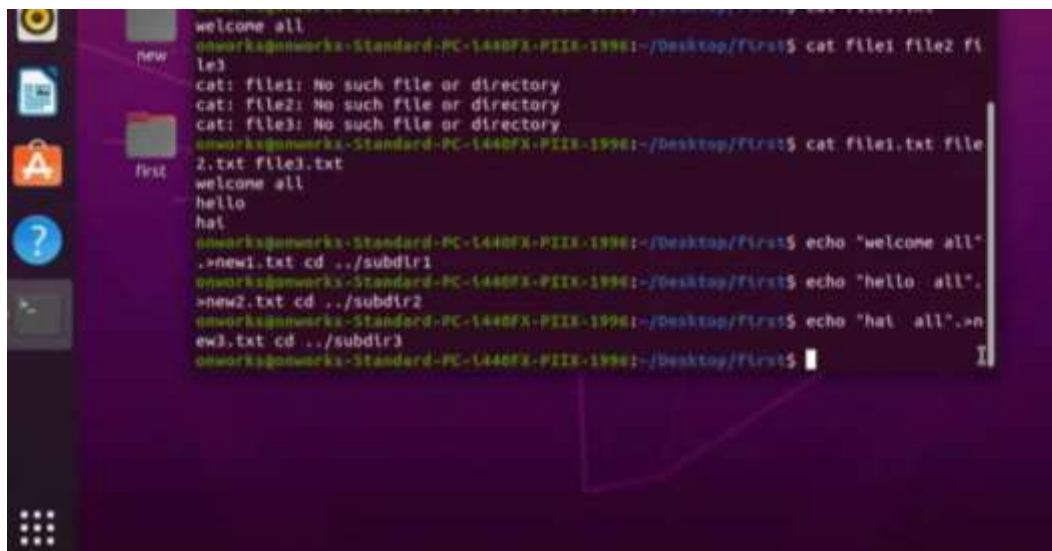


OSP LAB EXAM

Ardra B

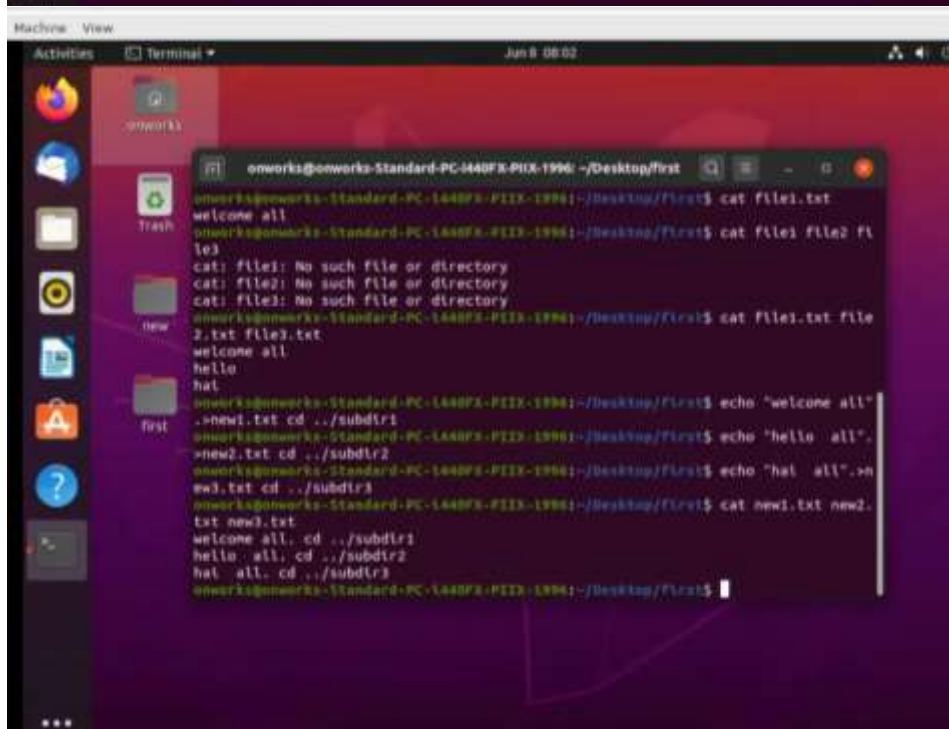
1:





A terminal window on a Linux desktop. The desktop background is purple. On the left, there is a sidebar with icons for 'new' and 'first' folders. The terminal shows the following commands and output:

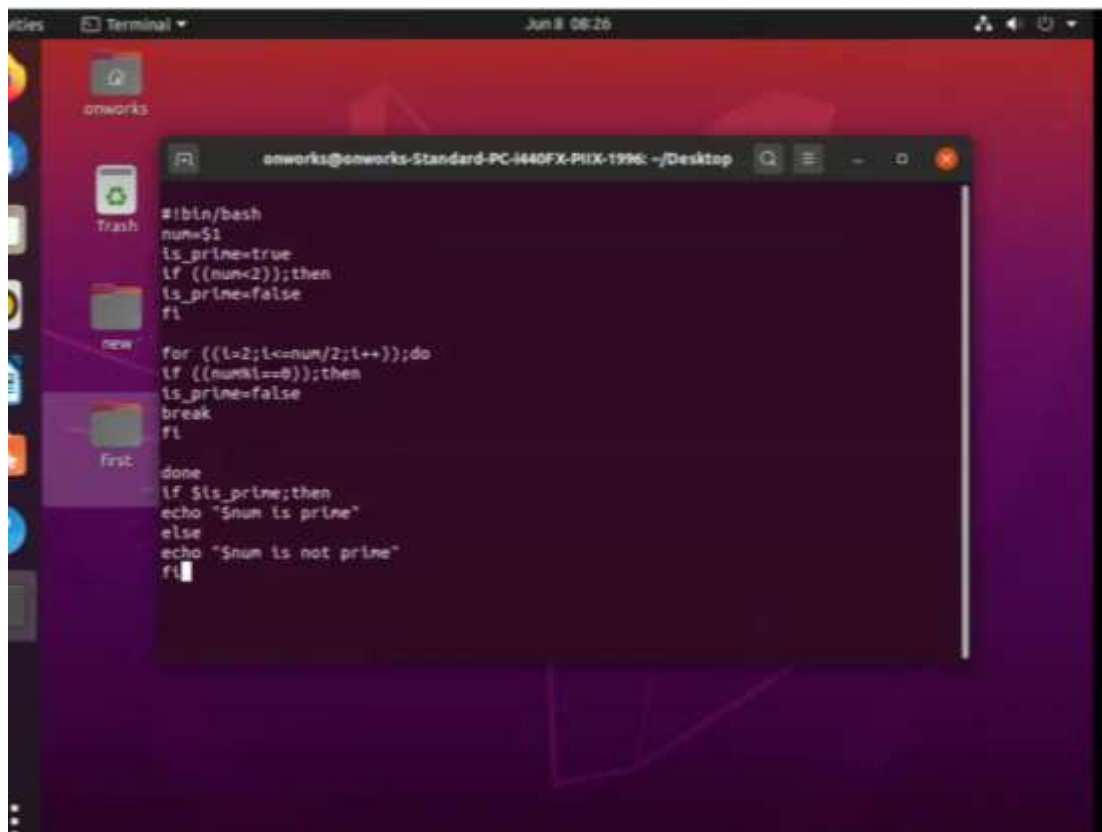
```
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$ cat file1 file2 file3
cat: file1: No such file or directory
cat: file2: No such file or directory
cat: file3: No such file or directory
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$ cat file1.txt file2.txt file3.txt
welcome all
hello
hat
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$ echo "welcome all" >new1.txt
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$ echo "hello all" >new2.txt
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$ echo "hat all" >new3.txt
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$
```



A terminal window on a Linux desktop, similar to the one above. The desktop background is purple. On the left, there is a sidebar with icons for 'new' and 'first' folders. The terminal shows the following commands and output:

```
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$ cat file1.txt
welcome all
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$ cat file1 file2 file3
cat: file1: No such file or directory
cat: file2: No such file or directory
cat: file3: No such file or directory
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$ cat file1.txt file2.txt file3.txt
welcome all
hello
hat
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$ echo "welcome all" >new1.txt
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$ echo "hello all" >new2.txt
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$ echo "hat all" >new3.txt
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$ cat new1.txt new2.txt new3.txt
welcome all
hello all
hat all
onworks@onworks-Standard-PC-1440FX-PIIX-1996:~/Desktop/first$
```

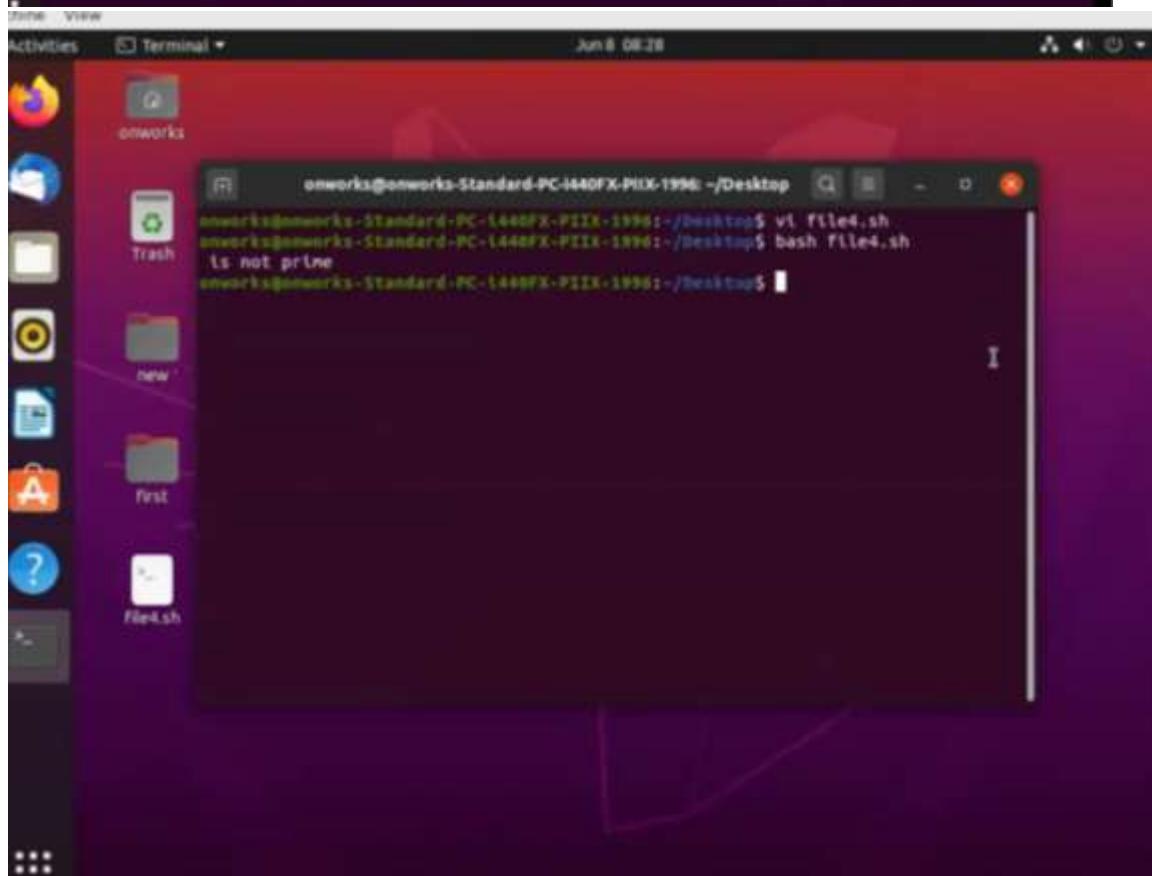
2:



The screenshot shows a Linux desktop with a red and purple background. A terminal window is open, displaying a shell script for checking if a number is prime. The script uses a for loop to iterate from 2 to the square root of the input number. The desktop has a sidebar with icons for 'Trash', 'new', and 'first'.

```
#!/bin/bash
num=$1
is_prime=true
if ((num<2));then
is_prime=false
fi

for ((i=2;i<=num/2;i++));do
if ((num%i==0));then
is_prime=false
break
fi
done
if $is_prime;then
echo "$num is prime"
else
echo "$num is not prime"
fi
```



The screenshot shows the same Linux desktop environment. The terminal window now shows the execution of the script. The user has run 'vi file4.sh' to edit the script and 'bash file4.sh' to execute it. The output of the script is 'is not prime'. The desktop has a sidebar with icons for 'Trash', 'new', 'first', and 'file4.sh'.

```
onworks@onworks-Standard-PC-1440FX-PIIX-1996: ~/Desktop$ vi file4.sh
onworks@onworks-Standard-PC-1440FX-PIIX-1996: ~/Desktop$ bash file4.sh
is not prime
onworks@onworks-Standard-PC-1440FX-PIIX-1996: ~/Desktop$
```

