

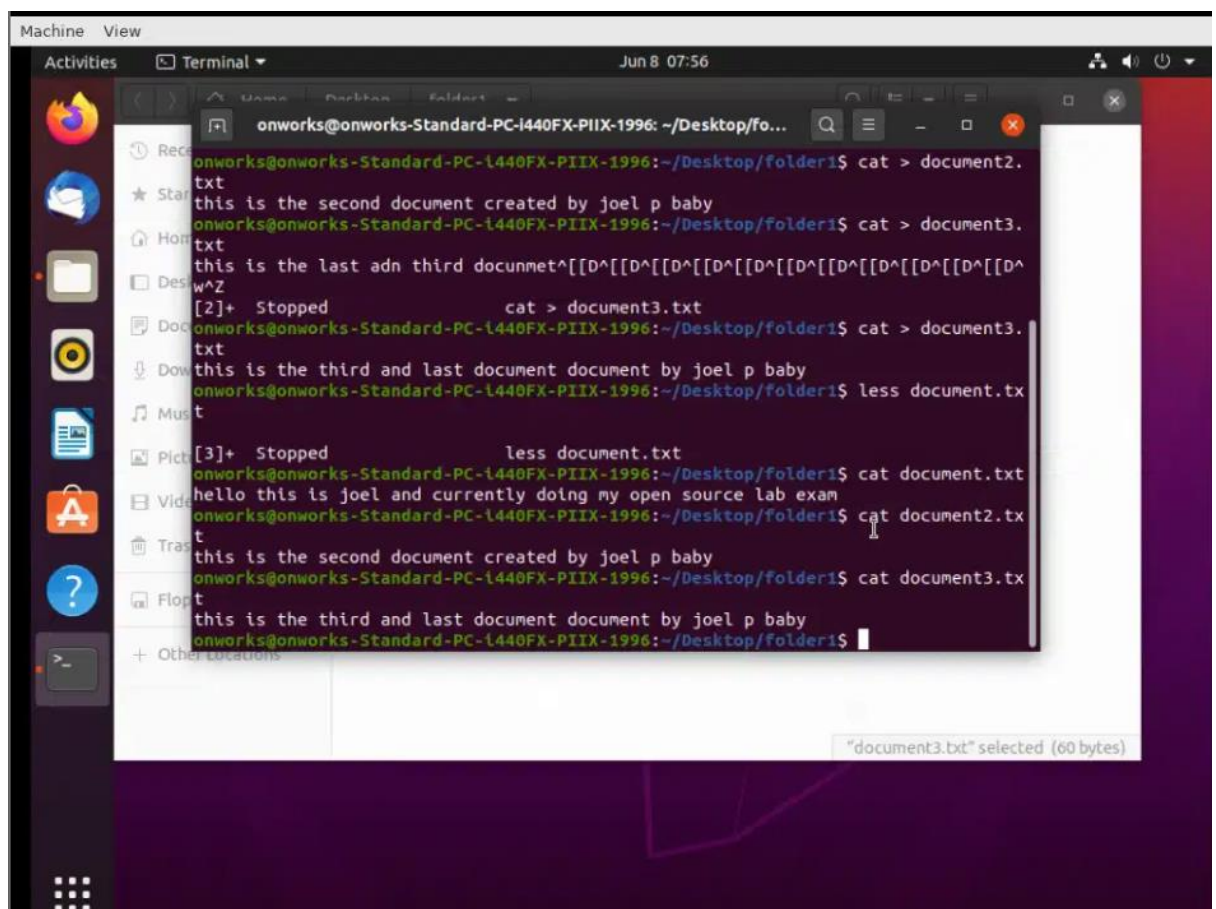
Open Source Exam

1. Making directory and sub directory and 3 files

[illegible]



2. Listing the content of the file

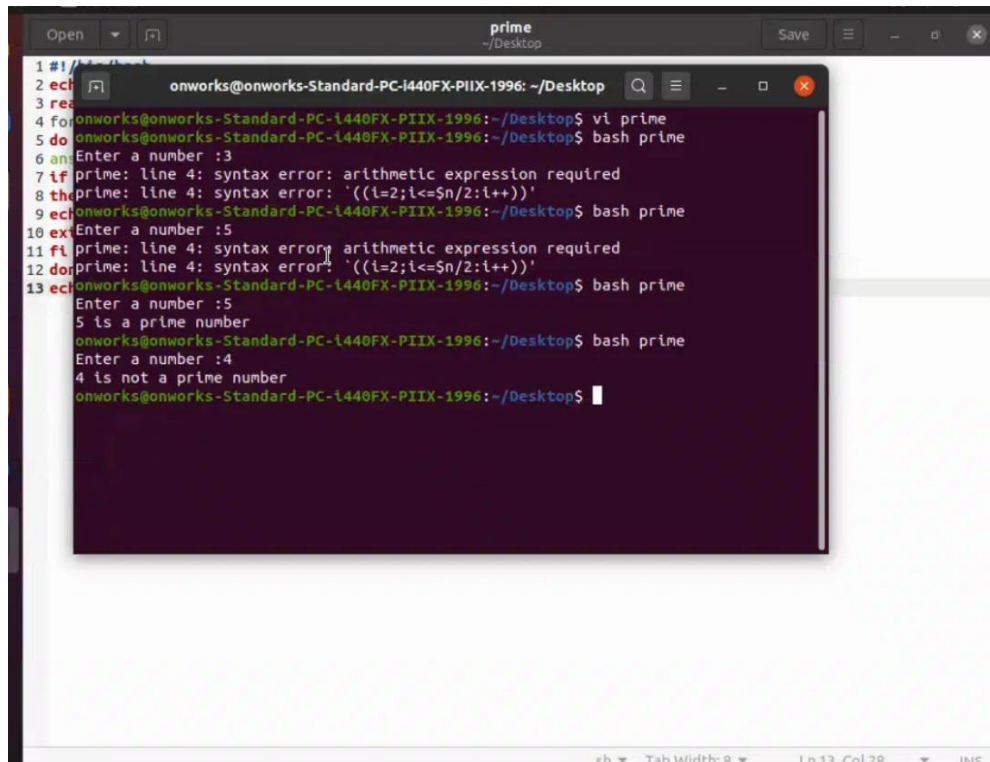


3. Program to check prime or not



```
1 #!/bin/bash
2 echo -e "Enter a number :\c"
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"
```

Output



```
1 #!/bin/bash
2 echo "Enter a number:"
3 read n
4 for i in $(seq 2 $((n/2+1))); do
5     do onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop$ vi prime
6     onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop$ bash prime
7     Enter a number :3
8     prime: line 4: syntax error: arithmetic expression required
9     prime: line 4: syntax error: '((i=2;i<=n/2;i++))'
10    onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop$ bash prime
11    Enter a number :5
12    prime: line 4: syntax error: arithmetic expression required
13    prime: line 4: syntax error: '((i=2;i<=n/2;i++))'
14    onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop$ bash prime
15    Enter a number :5
16    5 is a prime number
17    onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop$ bash prime
18    Enter a number :4
19    4 is not a prime number
20    onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop$
```