

# SERIES EXAM2

Open Source Lab Exam

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```
Machine View
Activities Terminal Jun 8 07:56
onworks
Trash
main
onworks@onworks-Standard-PC-i440FX-PIIX-1996: ~/Desktop/main
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop$ mkdir main
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop$ cd main
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ mkdir SubDir1
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ mkdir SubDir2
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ mkdir SubDir3
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ cat > file1.txt
This is the first file.
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ cat > file2.txt
This is the second file
name is file2
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ cat > file3.txt
This is a file
name is file3
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ cat file1.txt
This is the first file.
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ cat file2.txt
This is the second file
name is file2
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ cat file3.txt
This is a file
name is file3
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$
```

```
Machine View
Activities Terminal Jun 8 08:12
onworks
onworks@onworks-Standard-PC-i440FX-PIIX-1996: ~/Desktop/main
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ cat > file1.txt
This is the first file.
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ cat > file2.txt
This is the second file
name is file2
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ cat > file3.txt
This is a file
name is file3
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ cat file1.txt
This is the first file.
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ cat file2.txt
This is the second file
name is file2
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ cat file3.txt
This is a file
name is file3
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ vi prime.sh
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ vi exam1.sh
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ bash exam1.sh
Enter the Number
20
exam1.sh: line 9: syntax error near unexpected token `)'
exam1.sh: line 9: `value=$( expr $n % $i )'
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ bash exam1.sh
Enter the Number
20
Entered Number is Not Prime
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ vi exam1.sh
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$ bash exam1.sh
Enter the Number
20
Entered Number is Not Prime
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop/main$
```

onworks@onworks-Standard-PC-i440FX-PIIX-1996: ~/Desktop/main

```
#!/bin/sh
echo Enter the Number
read num
flag=0

for (( i=2; i<=$num/2; i++ ))
do
    value=$(( num%i ))

    if [ $value -eq 0 ]
    then
        flag=1
    fi
done

if [ flag == 0 ]
then
    echo "Entered Number is Prime "
else
    echo "Entered Number is Not Prime "
fi
```