**Practical 10**

echo "enter the no"

read n

f=0

for ((i=2 ; i<$n ; i++))

do

mod=`expr $n % $i`

if [ $mod -eq 0 ]

then

f=1

fi

done

echo $f

if [ $f -eq 1 ]

then

echo "$n is not prime"

else

echo "$n is prime"

fi

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[16it50@LINTEL 16it50]$ sh prime.sh

enter the no

13

0

13 is prime

[16it50@LINTEL 16it50]$ sh prime.sh

enter the no

20

1

20 is not prime

[16it50@LINTEL 16it50]$