Sub Code : ___PCC 592___   Sub Name : __Operating System__

Full Marks : __40___   Time : __11:10Am-12:30 Pm__ Date : __30-03-2021__

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1) write a shell script to check a number is prime or not

Code :

```
#!/bin/sh
echo "enter a number"
read number
i=2
f=0
while test $i -le `expr $number /2`
do
if test `expr $number % $i` -eq 0
then
f=1
i=`expr $i + 1`
done
if test $f -eq 1
then
echo "Not prime"
else
echo "Prime"
fi
```

Output :

```
~/Desktop/Code/OS-Lab> ./prime.sh
enter a number
31
Prime

~/Desktop/Code/OS-Lab> ./prime.sh
enter a number
56
Not Prime.
```