**Evenodd**

num=2

if [ $(( num % 2 )) -eq 0 ];

X then

echo "number is even"

else

echo "number is odd"

fi

pattern

num=5

for (( i=1; i<=num; i++ ))

do

for (( j=1; j<=i; j++ ))

do

echo -n "\* "

done

echo ""

done

Loop

a=0

while [ $a -lt 10 ]

do

echo $a

a=`expr $a + 1`

done

PRIME NUMBER

num=4

for ((i=2; i\*i<=num; i++ ))

do

if [ $(( num % 2 )) -eq 0 ]; then

echo "number is not prime"

exit 0

fi

done

echo "number is prime"