**LCM and GCD:**

echo "Enter the first number :"

a=10

echo "Enter the second number : "

b=20

if [ $a -gt $b ]

then

num=$a

den=$b

else

num=$b

den=$a

fi

r=`expr $num % $den`

while [ $r -ne 0 ]

do

num=$den

den=$r

r=`expr $num % $den`

done

gcd=$den

lcm=`expr $a \\* $b / $gcd`

echo " The LCM of $a and $b is : $lcm"

echo " The GCD of $a and $b is : $gcd"

**Output:**

Enter the first number : 10

Enter the second number : 20

The LCM of 10 and 20 is : 20

The GCD of 10 and 20 is : 10