Arithmetic Operator

read -p 'Enter a : ' a

read -p 'Enter b : ' b

sum=` expr $a + $b `

echo Addition of a and b is $sum

sub=` expr $a - $b `

echo Subtraction of a and b is $sub

multiply=` expr $a \\* $b `

echo Multiplication of a and b is $multiply

quotient=` expr $a / $b `

echo Division of a and b is $quotient

modulus=` expr $a % $b`

echo Modulus of a and b is $modulus

read -p 'Enter a : ' a

read -p 'Enter b : ' b

if [ $a -eq $b ]

then

echo a is equal to b.

else

echo a is not equal to b.

fi

if [ $a -ne $b ]

then

echo a is not equal to b.

else

echo a is equal to b.

fi

if [ $a -lt $b ]

then

echo a is less than b.

else

echo a is not less than b.

fi

if [ $a -le $b ]

then

echo a is less than or equal to b.

else

echo a is not less than or equal to b.

fi

if [ $a -mt $b ]

then

echo a is greater than b.

else

echo a is not greater than b.

fi

if [ $a -me $b ]

then

echo a is greater than or equal to b.

else

echo a is not greater than or equal to b.

fi

a=10

b=20

if [ $a -eq $b ]

then

echo "$a -eq $b : a is equal to b"

else

echo "$a -eq $b: a is not equal to b"

fi

if [ $a -ne $b ]

then

echo "$a -ne $b: a is not equal to b"

else

echo "$a -ne $b : a is equal to b"

fi

if [ $a -gt $b ]

then

echo "$a -gt $b: a is greater than b"

else

echo "$a -gt $b: a is not greater than b"

fi

if [ $a -lt $b ]

then

echo "$a -lt $b: a is less than b"

else

echo "$a -lt $b: a is not less than b"

fi

if [ $a -ge $b ]

then

echo "$a -ge $b: a is greater or equal to b"

else

echo "$a -ge $b: a is not greater or equal to b"

fi

if [ $a -le $b ]

then

echo "$a -le $b: a is less or equal to b"

else

echo "$a -le $b: a is not less or equal to b"

fi