echo "What is your name?

"

PERSON="Suruchi Sinha"

echo "HELLO, $PERSON"

**Output:**

What is your name?

HELLO, Suruchi Sinha

echo "What is your name?"

read PERSON

echo "HELLO, $PERSON"

**stdIN:**

I am Suruchi Sinha

**Output:**

What is your name?

HELLO, I am Suruchi Sinha

echo "What is your name?"

name="Sinha"

echo "HELLO, Ms. $name"

**Output:**

HELLO, Ms. Sinha

echo "Good Bye!"

**Output:**

Good Bye!

**Even/Odd:**

echo "Enter the number:"

read num

rem=`expr $num % 2`

if [ $rem -eq 0 ]

then

echo "$num is even number"

else

echo "$num is odd number"

fi

**Output:**

Enter the number:

15 is odd number

**Addition:**

echo "Enter 2 numbers:"

num1=10

num2=15

sum=`expr $num1 + $num2`

echo "the sum of numbers $num1 and $num2 = $sum"

**Output:**

Enter 2 numbers:

The sum of numbers 10 and 15 = 25

**Subtraction:**

echo "Enter 2 numbers:"

num1=15

num2=10

sum=`expr $num1 - $num2`

echo "the sum of numbers $num1 and $num2 = $sum"

**Output:**

Enter 2 numbers:

The sum of numbers 15 and 10 = 5

**Multiplication:**

echo "Enter 2 numbers:"

num1=15

num2=10

sum=`expr $num1 \* $num2`

echo "The sum of numbers $num1 and $num2 = $sum"

**Output:**

Enter 2 numbers:

The sum of numbers 15 and 10 = 150

**Division:**

echo "Enter 2 numbers:"

num1=20

num2=4

sum=`expr $num1 / $num2`

echo "The sum of numbers $num1 and $num2 = $sum"

**Output:**

Enter 2 numbers:

The sum of numbers 20 and 4 = 5

**Mod:**

echo "Enter 2 numbers:"

num1=22

num2=4

sum=`expr $num1 % $num2`

echo "The sum of numbers $num1 and $num2 = $sum"

**Output:**

Enter 2 numbers:

The sum of numbers 22 and 4 = 2

**Leap Year:**

echo "Enter a year"

read year

rem=`expr $year % 400`

rem1=`expr $year % 4`

rem2=`expr $year % 100`

if [ $rem -eq 0 -a $rem1 -eq 0 -a $rem2 -ne 0 ]

then

echo "$year is a leap year "

else

echo "$year is not a leap year"

fi

**Output:**

Enter a year

1996 is a leap year