1.

echo "enter a number"

read data

rem=`expr $data %2`

if [$rem -eq 0 ]

then

echo "$data is even number"

else

echo "$data is odd number"

fi

2.

num1=10

num2=20

sum=`expr $num1 + $num2 `

echo "the sum of numbers is $sum "

sub=`expr $num1 - $num2 `

echo "the subtraction of numbers is $sub"

multiplication=`expr $num1 \* $num2 `

echo "multiplication of numbers is $multiplication "

division=`expr $num2 / $num1 `

echo "division of numbers is $division"