1. echo "Input values of a & b:"

read a

read b

c=$(( $a + $b ))

echo "The sum is: $c"

2. echo "enter number:"

read x

y=$(( $x % 2 ))

if [ $y -eq 0 ]

then

echo "Number is even"

else

echo "number is odd"

fi

3. echo "Enter Num1"

read num1

echo "Enter Num2"

read num2

echo "Enter Num3"

read num3

if [ $num1 -gt $num2 ] && [ $num1 -gt $num3 ]

then

echo $num1

elif [ $num2 -gt $num1 ] && [ $num2 -gt $num3 ]

then

echo $num2

else

echo $num3

fi

4. echo "enter basic salary"

read bs

hra='echo $bs \\* 10 / 100 | bc'

ta='echo $bs \\* 15 / 100 | bc'

da='echo $bs \\* 2 / 100 | bc'

tax='echo $bs \\* 5 / 100 | bc'

pf='echo $bs \\* 10 / 100 | bc'

add='echo $hra + $ta + $da | bc'

ded='echo $tax + $pf | bc'

netsal='echo $bs + $add - $ded | bc'

echo

echo net salary is $netsal

5. echo "enter the basic salary:"

read bsal

if [ $bsal -lt 1500 ]

then

gsal=$((bsal+((bsal/100)\*10)+(bsal/100)\*90))

echo "The gross salary : $gsal"

fi

if [ $bsal -ge 1500 ]

then

gsal=$(((bsal+500)+(bsal/100)\*98))

echo "the gross salary : $gsal"

fi

6. echo '\tEvaluation of Arithmetic expression'

echo -----------------------------------------------------

echo Enter the a value

read a

echo Enter the b value

read b

echo 1.Addition

echo 2.Subtraction

echo 3.Multiplication

echo 4.Division

echo 5.Modules

echo Enter your choice

read choice

case $choice in

1)echo Addition : $(expr $a + $b);;

2)echo Suubtraction : $(expr $a - $b);;

3)echo Multiplication : $(expr $a \\* $b);;

4)echo Division : $(expr $a / $b);;

5)echo Modules : $(expr $a % $b);;

\*)echo This is not a choice

esac