

## EXP NO:2a

## SHELL SCRIPT

### PROGRAM

```
cse81@localhost:~  
echo "enter two numbers"  
read a  
read b  
c=`expr $((a + b))`  
echo add "$c"  
d=`expr $((a-b))`  
echo sub "$d"  
e=`expr $((a * b))`  
echo mul "$e"  
f=`expr $((a/b))`  
echo div "$f"  
g=`expr $((a%b))`  
echo mod "$g"  
~  
~
```

### OUTPUT

```
[cse81@localhost ~]$ sh calc.sh  
enter two numbers  
12  
10  
add 22  
sub 2  
mul 120  
div 1  
mod 2
```

## EXP NO:2b

### PROGRAM

cse81@localhost:~

```
echo "enter number"
read y
a=`expr $((y%4))`
b=`expr $((y%100))`
c=`expr $((y%400))`
if [ $a -eq 0 -a $b -ne 0 -o $c -eq 0 ]
then
echo "leap year"
else
echo "not a leap year"
fi
```

OUTPUT

```
[cse81@localhost ~]$ sh leap.sh
enter number
2024
leap year
[cse81@localhost ~]$ sh leap.sh
enter number
2025
not a leap year
```