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# 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
```