

EXP NO:02
DATE: 2.2.2025

SHELL SCRIPT

NAME: Akshaya Sri S
REG NO: 230701024

Aim:

To write a Shellscrip to to display basic calculator.

Program: echo "Enter the num1 and
num2:"; read n1 read n2 a=`expr \$n1 +
\$n2` b=`expr \$n1 - \$n2` c=`expr \$n1 * \$n2`
d=`expr \$n1 / \$n2` e=`expr \$n1 % \$n2` echo
"add \$a"; echo "sub
\$b"; echo "mul \$c"; echo
"div \$d"; echo "mod
\$e"; OUTPUT :

```
-bash-4.4$ vi cal.sh
-bash-4.4$ chmod +x cal.sh
-bash-4.4$ ./cal.sh
Enter the num1 and num2:
2
3
add 5
sub -1
mul 6
div 0
mod 2
```

EX – 2 a)

Shell Script

Aim:

To write a Shellscrip to test given year is leap or not using conditional statement

Program :

```
echo "Enter the year:"
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 "It is a leap year" else  
    echo "It is not a leap year" fi
```

OUTPUT :

```
-bash-4.4$ vi leap.sh  
-bash-4.4$ chmod +x leap.sh  
-bash-4.4$ ./leap.sh  
Enter the year:  
2020  
It is a leap year  
-bash-4.4$ ./leap.sh  
Enter the year:  
2021  
It is not a leap year  
-bash-4.4$
```