

EXPERIMENT 5

AIM : To write a shell script for simple calculator operations

PROCEDURE :

- * Write the shell script for the arithmetic operations and save as calc.sh

- * Change permission of the script using `“chmod +x calc.sh”`

- * Execute using `‘./calc.sh’`

SHELL SCRIPT

```
clear
i="y"
echo "enter the first number"
read n1
echo "enter the second number"
read n2
while [ $i = "y" ]
do
echo "1-addition"
echo "2-subtraction"
echo "3-multiplication"
echo "4-division"
echo "5-modulus"
read c
case $c in
    1)sum=`expr $n1 + $n2`
    echo "result="$sum;;
    2)sum=`expr $n1 - $n2`
    echo "result="$sum;;
    3)sum=`expr $n1 \* $n2`
    echo "result="$sum;;
    4)sum=`expr $n1 / $n2`
    echo "result="$sum;;
    5)sum=`expr $n1 % $n2`
    echo "result="$sum;;
esac
```

```
echo "do you want to continue(y/n)"  
read i  
if [ $i != "y" ]  
then  
    exit  
fi  
done
```