

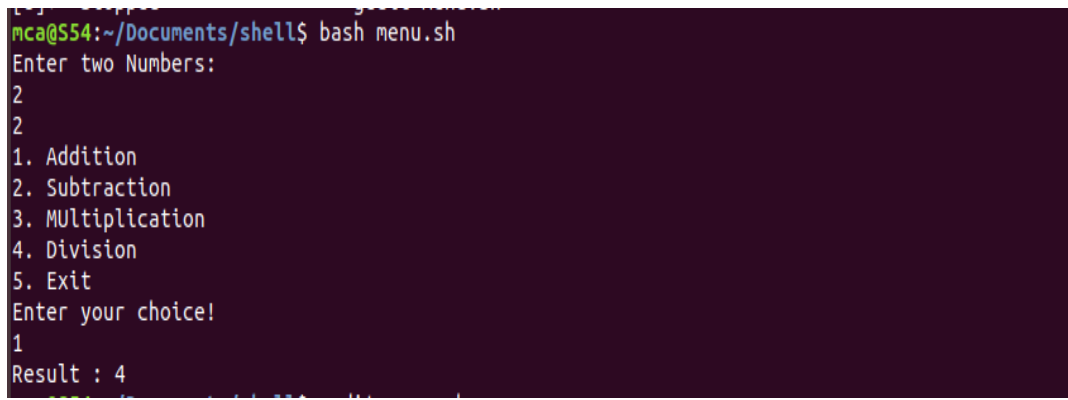
NETWORKING & SYSTEM ADMINISTRATION LAB**Name: VYSHNAVI BABU S****Roll No: 55****Batch: B****Date: 12-05-2022****Experiment No.: 21****Aim**

Write a menu driven shell script to perform mathematical operations.

Program

```
echo "Enter two Numbers:"
read a
read b
echo "1. Addition"
echo "2. Subtraction"
echo "3. MUltiplication"
echo "4. Division"
echo "5. Exit"
echo "Enter your choice!"
read ch
case $ch in
  1)res=`echo $a + $b | bc`
  ;;
  2)res=`echo $a - $b | bc`
  ;;
  3)res=`echo $a \* $b | bc`
  ;;
  4)res=`echo "scale=2; $a + $b" | bc`
  ;;
esac
echo "Result : $res"
```

Output screenshot



```
mca@54:~/Documents/shell$ bash menu.sh
Enter two Numbers:
2
2
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Exit
Enter your choice!
1
Result : 4
```

The screenshot shows a terminal window with a dark background. The prompt is 'mca@54:~/Documents/shell\$'. The user enters 'bash menu.sh'. The program prompts 'Enter two Numbers:'. The user enters '2' twice. The program displays a menu: '1. Addition', '2. Subtraction', '3. Multiplication', '4. Division', and '5. Exit'. The user enters '1'. The program outputs 'Result : 4'.