**Shell Scripting**

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**Code:-**

#!bin/bash

echo "ENTER FIRST NUMBER:"

read num1

echo "ENTER SECOND NUMBER:"

read num2

flag=1

while [ $flag -ne 0 ]

do

echo "1.Addition/n 2.Subtraction/n 3.Multiplication/n 4.Division/n"

echo "ENTER YOUR CHOICE:"

read choice

case $choice in

1)echo "$num1 + $num2 ="`expr $num1 + $num2`;;

2)echo "$num1 - $num2 ="`expr $num1 - $num2`;;

3)echo "$num1 \* $num2 ="`expr $num1 \\* $num2`;;

4)echo "$num1 / $num2 ="`expr $num1 / $num2`;;

\*)echo "YOU ENTER WRONG NUMBER IS NOT VALID";;

esac

echo "D0 YOU WANT TO CONTINUE ?"

read flag

done

**Output:-**

base) computer@wpudesk487:~$ sh cal.sh

ENTER FIRST NUMBER:

8

ENTER SECOND NUMBER:

4

1.Addition/n 2.Subtraction/n 3.Multiplication/n 4.Division/n

ENTER YOUR CHOICE:

1

8 + 4 =12

DO YOU WANT TO CONTINUE ?

1

1.Addition/n 2.Subtraction/n 3.Multiplication/n 4.Division/n

ENTER YOUR CHOICE:

2

8 - 4 =4

DO YOU WANT TO CONTINUE ?

1

1.Addition/n 2.Subtraction/n 3.Multiplication/n 4.Division/n

ENTER YOUR CHOICE:

3

8 \* 4 =32

DO YOU WANT TO CONTINUE ?

1

1.Addition/n 2.Subtraction/n 3.Multiplication/n 4.Division/n

ENTER YOUR CHOICE:

4

8 / 4 =2

DO YOU WANT TO CONTINUE ?

0

(base) computer@wpudesk487:~$