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PRACTICAL-2

Aim : Write a shell script for performing the functions of a basic calculator.
(Using decision making and case control structure).

Code:

n=1

while [$n != 0]

do

echo "1.Addition(+)"

echo "2.Substraction(-)"

echo "3.Multiplication(*)"

echo "4.Division(/)"

echo "5.Modulo(%)"

read ch

echo "Enter 1st Number"

read num1

echo "Enter 2nd Number"

read num2

if [$ch = "+"]

then echo "Addition is :`expr $num1 + $num2`"

elif [$ch = "-"]

then echo "Subtraction is :`expr $num1 - $num2`"

elif [$ch = "*"]

then echo "Multiplication is :`expr $num1 \* $num2`"

elif [$ch = "/"]

then echo "Division is :`expr $num1 / $num2`"

elif [$ch = "%"]

then echo "Modulo is :`expr $num1 % $num2`"

        else

echo "PLEASE ENTER VALID CHOICE"

fi

done

Output:

```
ubuntu@ubuntu:~/PRACTICAL$ bash prac2A.sh
1.Addition(+)
2.Substraction(-)
3.Multiplication (*)
4.Division(/)
5.Modulo(%)
+
Enter 1st Number
10
Enter 2nd Number
20
Addition is:30
1.Addition(+)
2.Substraction(-)
3.Multiplication (*)
4.Division(/)
5.Modulo(%)
^C
```