#!/bin/bash

# Prompt user to enter the first number

echo "Enter the first number:"

read num1

# Prompt user to enter the operator

echo "Enter the operator (+, -, \*, /):"

read operator

# Prompt user to enter the second number

echo "Enter the second number:"

read num2

# Perform arithmetic operation based on the operator

case $operator in

"+")

result=$((num1 + num2))

;;

"-")

result=$((num1 - num2))

;;

"\*")

result=$((num1 \* num2))

;;

"/")

if ((num2 != 0)); then

result=$(awk "BEGIN {printf \"%.2f\", $num1 / $num2}")

else

echo "Error: Division by zero!"

exit 1

fi

;;

\*)

echo "Error: Invalid operator!"

exit 1

;;

esac

# Print the result

echo "Result: $result"