#!/bin/bash

# Prompt the user to enter two integers

echo "Enter the first integer:"

read num1

echo "Enter the second integer:"

read num2

# Display the choices for the operation

echo "Select an operation:"

echo "1) Summation"

echo "2) Subtraction"

echo "3) Multiplication"

echo "4) Division"

read -p "Enter your choice (1/2/3/4): " choice

# Perform the operation based on the user's choice

case $choice in

1)

result=$((num1 + num2))

echo "Summation: $result"

;;

2)

result=$((num1 - num2))

echo "Subtraction: $result"

;;

3)

result=$((num1 \* num2))

echo "Multiplication: $result"

;;

4)

if [ $num2 -ne 0 ]; then

result=$((num1 / num2))

echo "Division: $result"

else

echo "Error: Division by zero is not allowed."

fi

;;

\*)

echo "Invalid choice. Please select a number between 1 and 4."

;;

esac