**Python week 1 assignment**

# Simple Calculator Program

# Ask user for input

num1 = float(input("Enter the first number: "))

num2 = float(input("Enter the second number: "))

operation = input("Enter an operation (+, -, \*, /): ")

# Perform calculation

if operation == "+":

result = num1 + num2

print(f"{num1} + {num2} = {result}")

elif operation == "-":

result = num1 - num2

print(f"{num1} - {num2} = {result}")

elif operation == "\*":

result = num1 \* num2

print(f"{num1} \* {num2} = {result}")

elif operation == "/":

if num2 != 0:

result = num1 / num2

print(f"{num1} / {num2} = {result}")

else:

print("Error: Division by zero is not allowed.")

else:

print("Invalid operation. Please enter +, -, \* or /.")