TASK 2: CALCULATOR

PROGRAM:

while True:

print("\nSelect an operation:")

print("1. Addition (+)")

print("2. Subtraction (-)")

print("3. Multiplication (\*)")

print("4. Division (/)")

print("5. Exit")

choice = input("Enter your choice (1/2/3/4/5): ")

if choice == '5':

print("Exiting the calculator. Goodbye!")

break

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

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

if choice == '1':

result = num1 + num2

print(f"The result of addition: {result}")

elif choice == '2':

result = num1 - num2

print(f"The result of subtraction: {result}")

elif choice == '3':

result = num1 \* num2

print(f"The result of multiplication: {result}")

elif choice == '4':

if num2 != 0:

result = num1 / num2

print(f"The result of division: {result}")

else:

print("Error: Cannot divide by zero.")

else:

print("Invalid choice. Please select a valid operation.")

OUTPUT:



