# CODSOFT Task 2

Code:

```python
def add(x, y):
    return x + y


def subtract(x, y):
    return x - y


def multiply(x, y):
    return x * y


def divide(x, y):
    if y == 0:
        return "Error! Division by zero."
    else:
        return x / y


print("Welcome to Simple Calculator")

while True:
    num1 = float(input("Enter the first number: "))
    num2 = float(input("Enter the second number: "))

    print("Select operation:")
    print("1. Addition (+)")
    print("2. Subtraction (-)")
    print("3. Multiplication (*)")
    print("4. Division (/)")

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

    if choice == '1':
        print("Result:", add(num1, num2))
    elif choice == '2':
```

```python
        print("Result:", subtract(num1, num2))
    elif choice == '3':
        print("Result:", multiply(num1, num2))
    elif choice == '4':
        print("Result:", divide(num1, num2))
    else:
        print("Invalid input!")


    again = input("Do you want to perform another calculation? (yes/no): ")
    if again.lower() != 'yes':
        break
```