

 Generate

print hello world using rot13



Close

```
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 is not allowed."
    return x / y

def main():
    print("Welcome to the Simple Calculator!")

    while True:
        try:
            # Input two numbers
            num1 = float(input("Enter the first number: "))
            num2 = float(input("Enter the second number: "))
        except ValueError:
            print("Invalid input. Please enter numeric values.")
            continue

        # Display operation choices
        print("\nSelect an operation:")
        print("1. Add (+)")
        print("2. Subtract (-)")
        print("3. Multiply (*)")
        print("4. Divide (/)")

        operation = input("Choose an operation (1-4): ")

        if operation == '1':
            result = add(num1, num2)
            print(f"{num1} + {num2} = {result}")
        elif operation == '2':
            result = subtract(num1, num2)
            print(f"{num1} - {num2} = {result}")
        elif operation == '3':
            result = multiply(num1, num2)
            print(f"{num1} * {num2} = {result}")
        elif operation == '4':
            result = divide(num1, num2)
            print(f"{num1} / {num2} = {result}")
        else:
            print("Invalid operation choice. Please select a valid option.")

        # Ask if the user wants to perform another calculation
        another_calculation = input("\nDo you want to perform another calculation? (yes/no): ")
        if another_calculation.lower() != 'yes':
            print("Thank you for using the calculator! Goodbye!")
            break

if __name__ == "__main__":
    main()
```

