```
# calculator.py

def calculate():
    """
    A simple calculator for basic arithmetic
operations.
    """
    print("Welcome to the Simple Calculator!
🧮")
    print("-------------------------------")

    # --- Step 1: Get user input ---
    try:
        num1 = float(input("Enter the first
number: "))
        num2 = float(input("Enter the second
number: "))
        operator = input("Enter an operator (+, -,
*, /): ")
    except ValueError:
        print("Invalid input. Please enter valid
numbers.")
        return

    # --- Step 2: Perform the calculation ---
    result = None
    if operator == '+':
        result = num1 + num2
    elif operator == '-':
        result = num1 - num2
    elif operator == '*':
        result = num1 * num2
```

```
    # --- Step 2: Perform the calculation ---
    result = None
    if operator == '+':
        result = num1 + num2
    elif operator == '-':
        result = num1 - num2
    elif operator == '*':
        result = num1 * num2
    elif operator == '/':
        if num2 == 0:
            print("Error: Division by zero is not
allowed. 🚫")
            return
        result = num1 / num2
    else:
        print("Error: Invalid operator. Please use
+, -, *, or /.")
        return

    # --- Step 3: Display the result ---
    print("-----------------------------")
    print(f"Result: {num1} {operator} {num2} =
{result}")
    print("-----------------------------")


# Run the calculator function
if __name__ == "__main__":
    calculate()
```