Exercise 1: The Temperature Check

Goal: Categorize a temperature value.

- Create an integer variable temp and assign it a value (e.g., 25).
- Use a ternary operator to create a string weather.
- If temp is greater than or equal to 20, the string should say **"Warm"**.
- Otherwise, it should say **"Cold"**.

Exercise 2: Discount Logic

Goal: Apply a discount based on a purchase amount.

- Create a double variable totalPurchase.
- If totalPurchase is over **$100**, the discount is **20%** (0.20). Otherwise, it is **5%** (0.05).
- Store the result in a double variable named discountRate.

Exercise 3: Even or Odd?

Goal: Determine if a number is even or odd using the modulo operator (%).

- Given an integer num.
- Use a ternary operator to print **"Even"** if the number is divisible by 2, and **"Odd"** if it isn't.
- *Hint:* The condition will look something like (num % 2 == 0).

Exercise 4: User Access Level

Goal: Handle a boolean flag to set a string.

- Create a boolean variable isAdmin.
- Create a string variable accessMessage.
- If isAdmin is **true**, the message should be **"Full Access Granted"**.
- If **false**, the message should be **"Limited Access Granted"**.

Exercise 5: The "Max" Finder

Goal: Compare two numbers without using Math.Max().

- Create two integers, a and b, with different values.
- Use a ternary operator to assign the larger of the two values to a new variable called maxValue.
- Print: "The larger number is [maxValue]".