In Lab Task:

An exam was given to 50 students. The scores are in an array, and the professor may need to boost the grades based on the class performance.

Instructions:

1. Input: Declare an integer array `original_scores` of size 50. Use a `for` loop to read 50 integer scores (0-100) from the user.
2. Statistics: Use a `for` loop to calculate and print the following:
    - The Maximum score.
    - The Average (Mean) score of the class (must be a float/double).
    - The Count of students who scored above 70.
3. Conditional Normalization:
    - Declare a second integer array, `normalized_scores`, of size 50.
    - Check the calculated Average Score:
        - If the average is less than 65, apply a boost of $+10$ points to every student's score.
        - If the average is 65 or higher, apply no change ($+0$ points).
    - Use a `for` loop to populate `normalized_scores` with the adjusted scores.
    - CRITICAL: Ensure that no score in `normalized_scores` exceeds 100.
4. Output: Use a final `for` loop to print the original score and the normalized score ONLY for students whose score was actually changed by the normalization process.