1. Create a Python program that prompts the user to enter a numerical score (from 0 to 100) for a student's exam.

   The program must use a nested if-elif-else structure to first determine if the student has passed or failed, and then, if they have passed, assign a specific grade.

   Part 1: Pass/Fail Determination

   Use the following criteria for the outer if-elif-else block:

   - Pass if the score is greater than or equal to 50.
   - Fail if the score is less than 50.

   Part 2: Grade Assignment (Nested Condition)

   If the student has passed (score >= 50), use a nested if-elif-else block to determine the grade based on the following criteria:

   - 'A' if the score is 90 or above.
   - 'B' if the score is 80 to 89 (inclusive).
   - 'C' if the score is 70 to 79 (inclusive).
   - 'D' if the score is 50 to 69 (inclusive).