STRING & DATE AND TIME API

1. Design a system to **evaluate and score passwords** based on the following criteria:
   - Contains both upper and lower case letters (+2 points)
   - Contains at least one digit (+2 points)
   - Contains at least one special character (!@#$%^&*()_+) (+2 points)
   - Length >= 12 (+2 points), Length >= 8 (+1 point)
   - Does not contain any repeated substring of length ≥ 3 (–2 points)

   Print each password's score and whether it is **"Strong" (≥6 points), "Moderate" (4–5), or "Weak" (<4)**.

   Sample Run

   Pass123! - Score: 5 - Moderate

   password - Score: 1 - Weak

   Secur3P@ssword123 - Score: 8 - Strong

   abcabcabc - Score: 0 - Weak

   A1b2C3d4! - Score: 6 – Strong

2. You are given a **compressed pattern** string that may include numbers indicating repeated characters, e.g., "a3b2" means "aaabb". Write a method that decompresses it and checks if a target string matches the decompressed version.
3. Design a program that receives employee **login** and **logout** timestamps for a given day and calculates:

   Total hours worked.

   Whether the employee was late (expected login time is 9:00 AM).

   Whether the employee left early (expected logout time is 6:00 PM).

   Sample Run

   Login Time: "2025-07-28T09:15:00"

   Logout Time: "2025-07-28T17:30:00"

   Total worked hours: 8 hours 15 minutes

   Late: Yes

   Left Early: Yes