**Problem 1:** Read the start time and end time of a game, in hours and minutes (initial hour, initial minute, final hour, final minute). Then print the duration of the game, knowing that the game can begin in a day and finish in another day.

**Input:** 7 8 9 10 **Output:** The game lasted 2 hour(s) and 2 minutes.

**Input:** 7 10 8 9 **Output:** The game lasted 0 hour(s) and 59 minutes.

**Problem 2:** Encryption is the process of translating plain text data into something that appears to be random and meaningless. Your task is input a string and print the encrypted string. ( The following example will help you understand the logic )

**Input:** HELLO **Output:** KHOOR

**Input:** world **Output:** zruog