

Question:

Given two strings ransomNote and magazine, return true if ransomNote can be constructed from magazine and false otherwise.

Each letter in magazine can only be used once in ransomNote.

My Response:

Firstly, I would create a function that can be called using whichever string the user chooses to write. For this function, ransomNote represents the string inputted by the user, and magazine holds the string 'magazine' to compare to the user's string. We would also have to make this a boolean function because we are looking for whether the strings match or not using true and false.

Next, an if statement with the condition stating if ransomNote is in magazine is necessary to continue with the rest of the function. If true, the function continues. If not, the function terminates. We then need to create a list for magazine, as the letters within the string will be compared against ransomNote. Here, we will see if magazine can be used within ransomNote by deleting the characters from the ransomNote list.