Write a program in C that compares the two strings and removes all characters from the second string which are present in the first string.

Write functions to perform following operations:

1. To read input from user. Make sure that it contains at least N non-zero digits in the end (use atoi function).
   int ReadString (char Str[], int N) //Reads a string from user and returns the total number of Non-zero digits in the trailing end of the String if it has at least N non-zero digits, otherwise -1.
2. To match character ch in String Str
   int matchChar (char Str[], char ch) // Returns 1 if ch is present in Str, 0 otherwise.
3. To update Str2 after removing all the matched characters of Str2 in Str1. This function returns the number of matched characters. The matchChar function will be called from this function.
   int updateString (char Str1[], char Str2[])
4. To display output.
   void printString(char Str[])

Sample input1:
Enter N: 3
Enter sting1: compProg1234
Enter string2: computerProgamming2235

Sample output1:
Number of Non-zero digits in trailing end of String 1: 4
Number of Non-zero digits in trailing end of String 2: 4
Modified String 2: ain5

Sample input2:
Enter N: 2
Enter sting1: solution28
Enter string2: algorithm1386
Sample output2:
Number of Non-zero digits in trailing end of String 1: 2
Number of Non-zero digits in trailing end of String 2: 4
Modified String 2: agrhm136

Sample input3:
Enter N: 2
Enter sting1: cp1
Enter string2: cplab86

Sample output2:
Input does not satisfy the given condition