Logo 67 67 67 67 67 67 67 67 67 67 67 67 67
STUDENT REPORT
Name Name OAA 3BR2 3CDOAA 3B
AND DETAILS OF THE PROPERTY OF
Name Name 3 13cDV 3BRP 10AA 3 13cDV 3BRP 10AA 3
Roll Number
200220044
BRE23CD044 EXPERIMENT Title SPECIAL STRING Description Description Alice Association of the second Experiment of th
Title SPECIAL STRING Description SHR13CDOAA 3HR13CDOAA 3HR13CDOA
Description 38 Partis 200 Partis
Alice has a string A consisting of lowercase English letters. Her friend gives her another string S and asks her to modify string A and replace its characters with the characters present in string S. But, to achieve the above task, Alice must follow the below steps:
But, to achieve the above task, Alice must follow the below steps:
1. Choose a character from string S that has the minimum ASCII distance from the ith character in string A Replace the ith character in string A with the chosen character in string S Your task is to find and return an integer value representing minimum total ASCII distance that is required to modify string A to
the characters in string C. Deturn O. if all the characters in string C are already present in string A
S. C.
Sample Input: abcd
^,'2
Sample Output: 86
Sample Output: 86
Source Code: A Survey
3BR23CDQAA3BR23C
3RF235CTOAK35CTOOK SET SERVICE ON SERVICE SERV

```
def min_ascii_distance(A, S):
        total_distance = 0
        found_all = True
        for char_a in A:
            \mbox{\#} Find the minimum ASCII distance character in S
            min_distance = float('inf')
            for char_s in S:
                distance = abs(ord(char_a) - ord(char_s))
                if distance < min_distance:</pre>
                    min_distance = distance
            # If the character from A is not in S, we add the minimum distance
            if min_distance != 0:
                found_all = False
                total_distance += min_distance
        return total_distance if not found_all else 0
   # Sample Input
   A = input()
   S = input()
   # Finding the minimum total ASCII distance
   result = min_ascii_distance(A, S)
   print(result) # Output: 86
RESULT
  5 / 5 Test Cases Passed | 100 %
   BRI
```