```
def min_ascii_distance(A, S):
    total_distance = 0
    found_all = True
    for char_a in A:
        # 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 %