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| **Practical 7**  **Aim:**  Lapindrome is defined as a string which when split in the middle, gives two halves having the same characters and same frequency of each character. If there  are odd number of characters in the string, we ignore the middle character and check for lapindrome. For example ***gaga*** is a lapindrome, since the two halves ***ga*** and ***ga*** have the same characters with same frequency. Also, ***abccab***, ***rotor*** and ***xyzxy*** are a few examples of lapindromes. Note that abbaab is NOT a lapindrome. The two halves contain the same characters but their frequencies do not match.  Your task is simple. Given a string, you need to tell if it is a lapindrome.  **Input:**  6  gaga  abcde  rotor  xyzxy  abbaab  ababc  **Output:**  YES  NO  YES  YES  NO  NO |
| **Code:**  # Name: NISHANT KOTADIA # ID: 20CS029 # for loop until T test cases for T in range(int(input())):  # Taking input word as list  lst = list(input())   # splitting lst into two halves  splt = len(lst) // 2  lst1 = lst[:splt]  if len(lst) % 2 == 0:  lst2 = lst[splt:]   # if length of word is odd, ignoring middle term  else:  lst2 = lst[splt + 1:]  lst1.sort()  lst2.sort()   # Comparing both the halves  if lst1 == lst2:  print('YES')  else:  print('NO')  **Output:** |