23. You are given a string s. s[i] is either a lowercase English letter or '?'. For a string t having length m containing only lowercase English letters, we define the function cost(i) for an index i as the number of characters equal to t[i] that appeared before it, i.e. in the range [0, i - 1]. The value of t is the sum of cost(i) for all indices i. For example, for the string t = "aab":

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cost(0) = 0

cost(1) = 1

cost(2) = 0
```

Hence, the value of "aab" is 0 + 1 + 0 = 1. Your task is to replace all occurrences of '?' in s with any lowercase English letter so at the value of s is minimized.

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Program:
def min_cost(s):
 char_counts = Counter(c for c in s if c.isalpha())
 cost = 0
 result = ""
 for char in s:
  if char == '?':
   min_char = min(char_counts.keys(), key=char_counts.get)
   result += min_char
   cost += char_counts[min_char]
   char_counts[min_char] -= 1
  else:
   result += char
   cost += char_counts[char]
 return result, cost
s = "aab?c??"
result, cost = min_cost(s)
print(result, cost)
```