**Justin\_String\_1417.**  **Reformat The String**

**Concept:**

先把數字和字母分開，分別存到deque

如果兩個 deque 相差大於 1，則直接 return ""

再看哪個 deque 較長就先放哪個到result

**Code:**

class Solution:

def reformat(self, s: str) -> str:

alpha = deque()

digit = deque()

result = ""

for i in range(len(s)):

if s[i].isdigit():

digit.append(s[i])

else:

alpha.append(s[i])

if abs(len(alpha) - len(digit)) > 1:

return ""

if len(alpha) - len(digit) > 0:

for j in range(len(digit)):

result += alpha.popleft()

result += digit.popleft()

result += alpha.popleft()

elif len(alpha) - len(digit) < 0:

for k in range(len(alpha)):

result += digit.popleft()

result += alpha.popleft()

result += digit.popleft()

else:

for m in range(len(alpha)):

result += digit.popleft()

result += alpha.popleft()

return result