# Coding Area



🗽 tcscodevita.com/CodevitaV8/main\_page.jsp

#### 02Hr 32Min 16Sec

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#### User Id

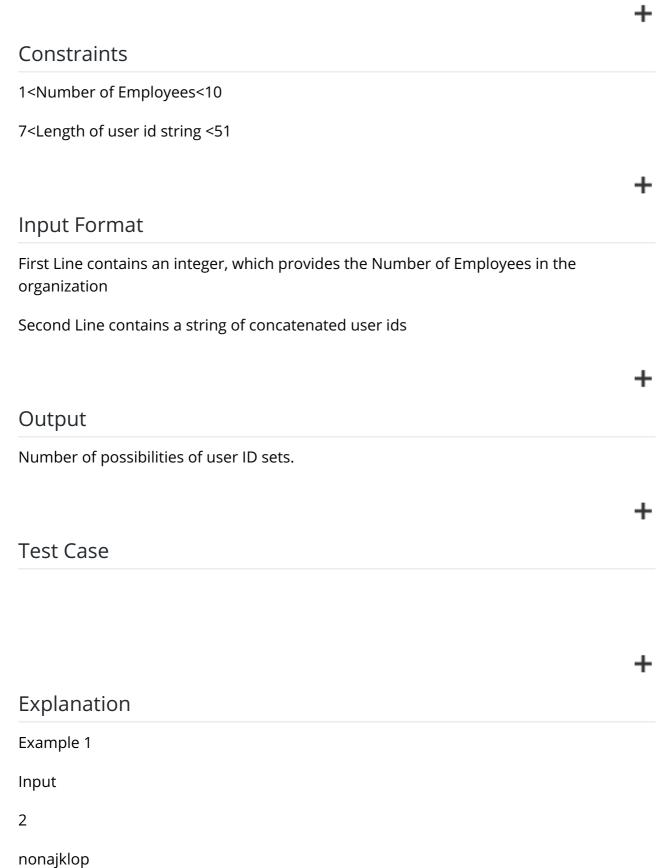


### **Problem Description**

A person, new to his job in a start-up, was given a task by his supervisor to prepare a report where the user IDs (of all the employees) is a part of the report. He fetched the user IDs from database and then used a spreadsheet function to concatenate them to share it in email as text. However, while concatenating, he forgot to put a comma (,) in between the two user IDs.

As a rule, user IDs of the portal should be minimum 4 characters and can only contain

alphabets and cannot start or end with a vowel. Supervisor knows about this rule and the number of employees in the department. Therefore, he tries to guess a possible set of user IDs from the given string (of user IDs in the email). You need to find the total no. of different set of user Ids that are possible given the number of employees in the department and the string of user IDs.



# Output 1 Explanation Since supervisor knows there are only 2 user IDs and they cannot start or end with a vowel, there is only one possibility - 'nonaj' and 'klop' so there is only one probability of the user ID sets. Example 2 Input 3 poppolfgopjduhqertol Output 6 **Explanation** Since supervisor knows there are only 3 user IDs and they cannot start or end with a vowel, there are following possibilities poppol fgop jduhgertol poppol fgopj duhqertol poppol fgopjduh qertol poppolf gopjduh qertol poppolf gopj duhqertol poppolfgop jduh qertol Since there are six possibilities

# Upload Solution [ Question : D ]

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