

If Xiaohong is the 5th person when counting from the front and the 3rd person when counting from the back, then there are a total of $5+3-1=7$ people in this row. The whole class is perfectly arranged in 6 rows, so there are a total of $7*6=42$ people in the class.

Code

python实现一个正则表达式匹配，要求能匹配到所有以139开头，以00结尾的11位数字
Implement a regular expression matching in Python, which should be able to match all 11-digit numbers that start with "139" and end with "00".

Responses

Model

Qwen-7B-Chat (SFT)

Response

你可以使用Python的re模块来实现这个正则表达式匹配。以下是一个示例代码：

Elo

941

```
import re

def match_phone_numbers(phone_numbers):
    pattern = r'^139d9$'
    return re.findall(pattern, phone_numbers)

phone_numbers = ['13900000000', '13912345678', '13998765432', '13987654321']
print(match_phone_numbers(phone_numbers))
```

在这个代码中，我们首先定义了一个正则表达式模式'^139d9\$', 这个模式表示以139开头，以00结尾，且长度为11的数字。然后我们使用re.findall函数来查找所有匹配这个模式的字符串，最后返回这些匹配的字符串。

注意，这个代码假设phone_numbers是一个包含多个字符串的列表。如果你的phone_numbers是一个字符串，你需要先将其转换为列表。

You can use the re module in Python to implement this regular expression matching. Here is an example code:

```
import re

def match_phone_numbers(phone_numbers):
    pattern = r'^139d9$'
    return re.findall(pattern, phone_numbers)

phone_numbers = ['13900000000', '13912345678', '13998765432', '13987654321']
print(match_phone_numbers(phone_numbers))
```

This code defines a regular expression pattern '^139d9\$. This pattern represents a string that starts with '139', ends with '00', and has a length of 11 digits. Then, we use the re.findall function to find all the strings that match this pattern, and finally, we return these matching strings.

Note that this code assumes that phone_numbers is a list containing multiple strings. If your phone_numbers is a string, you must first convert it to a list.