

GPT-4

下面是你需要的python代码，这段代码中使用了python的re模块。 1134

```
import re

def match_phone_number(string):
    pattern = "^139d600$"
    return re.match(pattern, string) is not None

# 测试
print(match_phone_number("13912345600")) # 输出: True
print(match_phone_number("15912345600")) # 输出: False
print(match_phone_number("13912345601")) # 输出: False
print(match_phone_number("139123456000")) # 输出: False
```

在这里，`"^139d600$"`是正则表达式。`"^"`表示匹配字符串的开始，`"139"`匹配字符串中的`"139"`，`"d6"`匹配任意六个数字，`"00"`匹配字符串中的`"00"`，`"$"`表示匹配字符串的结束。因此，这个正则表达式可以匹配到所有以139开头，以00结尾的11位数字。

Below is the python code you need. This code uses the python re module.

```
import re

def match_phone_number(string):
    pattern = "^139d600$"
    return re.match(pattern, string) is not None

# Test
print(match_phone_number("13912345600")) # Output: True
print(match_phone_number("15912345600")) # Output: False
print(match_phone_number("13912345601")) # Output: False
print(match_phone_number("139123456000")) # Output: False
```

In here, `"^139d600$"` is a regular expression. `"^"` represents the beginning of the string, `"139"` matches the `"139"` in the string, `"d6"` matches any six digits, `"00"` matches the `"00"` in the string, and `"$"` represents the end of the string. Therefore, this regular expression can match any 11-digit number that starts with 139 and ends with 00.

## Code

我用下面代码求二叉树的最大深度，但是答案不对，怎么回事呢？

```
def maxDepth(self, root: TreeNode) -> int:
    if not root: return 0
    queue, res = [root], 0
    while queue:
        tmp = []
        for node in queue:
            if node.left: tmp.append(node.left)
            if node.right: tmp.append(node.right)
        queue = tmp
        res += 1
    return res
```

I use the following code to find the maximum depth of a binary tree, but the answer is incorrect. What could be the problem?