

## 171. Excel Sheet Column Number

Description

Hints

Submissions

Discuss

Solution

Pick One

Given a column title as appear in an Excel sheet, return its corresponding column number.

For example:

```
A -> 1
B -> 2
C -> 3
...
Z -> 26
AA -> 27
AB -> 28
...
```

Example 1:

```
Input: "A"
Output: 1
```

Example 2:

```
Input: "AB"
Output: 28
```

Example 3:

```
Input: "ZY"
Output: 701
```

```

public class L171 {
    public int titleToNumber(String s) {
        if(s == null && s.length() == 0)
            return 0;
        //记住要反转
        char [] array = s.toCharArray();
        char [] reverse = new char [s.length()];
        for(int i = 0; i < s.length(); i++) {
            reverse[i] = array[s.length() - i - 1];
        }
        int sum = 0;

        for(int i = s.length() - 1; i >=0; i--) {
            int dis = reverse[i] - 'A' + 1;
            sum += dis * Math.pow(26, i); //这里就是一个累加
        }
        return sum;
    }
    //ZY = ('Z' - 'A' + 1) * Math.pow(26, 1) + ('Y' - 'A' + 1) ** Math.pow(26, 0)
    public static void main(String [] args) {
        System.out.println(new L171().titleToNumber("ZY"));
    }
}

```