

## 171. Excel Sheet Column Number



Easy 4.3K 340

Companies

Given a string `columnTitle` that represents the column title as appears 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: columnTitle = "A"
Output: 1
```

```
class Solution:
    def titleToNumber(self, columnTitle: str) -> int:
        dic={'A': 1, 'B': 2, 'C': 3, 'D': 4, 'E': 5, 'F': 6, 'G': 7, 'H': 8, 'I': 9,
'J': 10, 'K': 11, 'L': 12, 'M': 13, 'N': 14, 'O': 15, 'P': 16, 'Q': 17, 'R': 18, 'S':
19, 'T': 20, 'U': 21, 'V': 22, 'W': 23, 'X': 24, 'Y': 25, 'Z': 26}
        ans=0
        pos=len(columnTitle)-1
        if len(columnTitle)==1:
            return dic[columnTitle]
        for i in range(len(columnTitle)):
            ans+=26**pos*dic[columnTitle[i]]
            pos-=1
        if ans >2147483647:
            return 2147483647
        return ans
```