**Column name from a given column number: -**

**Medium** Accuracy: **32.41%** Submissions: **53K+** Points: **4**

Given a positive integer, return its corresponding column title as appear in an Excel sheet.  
Excel columns has a pattern like A, B, C, … ,Z, AA, AB, AC,…. ,AZ, BA, BB, … ZZ, AAA, AAB ….. etc. In other words, column 1 is named as “A”, column 2 as “B”, column 27 as “AA” and so on.

**Example 1:**

**Input:**

N = 28

**Output:** AB

**Explanation**: 1 to 26 are A to Z.

Then, 27 is AA and 28 = AB.

**Example 2:**

**Input**:

N = 13

**Output:** M

**Explanation**: M is the 13th character of

alphabet.

**Your Task:**  
You don't need to read input or print anything. Your task is to complete the function **colName()**which takes the column number N as input and returns the column name represented as a string.  
**Expected Time Complexity:**O(LogN).  
**Expected Auxiliary Space:**O(1).

**Constraints:**  
1 <= N <= 1018

**Code: -**

//{ Driver Code Starts

#include<bits/stdc++.h>

using namespace std;

// } Driver Code Ends

class Solution{

public:

string colName (long long int n){

--n;

string ans = "";

while(n >= 0){

int rem = n % 26;

ans = (char)('A' + rem) + ans;

n = (n / 26) - 1;

}

return ans;

}

};

//{ Driver Code Starts.

int main()

{

int t; cin >> t;

while (t--)

{

long long int n; cin >> n;

Solution ob;

cout << ob.colName (n) << '\n';

}

}

// } Driver Code Ends

**T.C: - O(log26 N)**

**S.C: - O(1)**