

# 1339A - Filling Diamonds

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## 1 Problem

Problem Description : <https://codeforces.com/contest/1339/problem/A>

## 2 Objective

Given an integer  $n$ , we have to calculate how many ways to fully cover belt like area of  $4n - 2$  triangles with diamond shapes. In this problem, diamond shape consists of 2 triangles.

## 3 Solution

To fully cover it, we just  $n$  times. You can look up for the picture in the problem, and notice that there are  $n$  ways to fully cover belt like area of  $4n - 2$  triangles

## 4 Code

```
#include <bits/stdc++.h>

int main(){
    fastio

    int t;
    cin >> t;

    while(t--){
        ll n; cin >> n;
        cout << n << endl;
    }

    return 0;
}
```