**Count Number of Binary Strings**

**Problem Statements :**

You are provided an integers N. You need to count all possible distinct binary strings of length N such that there are no consecutive 1’s.

**Input Format :**

First line contains integer t which is number of test case.

For each test case, it contains an integer n which is the the length of Binary String.

**Constraints :**

1<=t<=100

1<=n<=100

**Output Format :**

Print the number of all possible binary strings.

**Sample Input :**

2

2

3

**Sample Output :**

3

5

**Explanation :**

1st test case : 00, 01, 10

2nd test case : 000, 001, 010, 100, 101

**Time Limit :**

none