**Print first n Fibonacci Numbers**

Submissions: [35642](https://practice.geeksforgeeks.org/problem_submissions.php?pid=2347)  Accuracy:

22.9%

   Difficulty: [Basic](https://practice.geeksforgeeks.org/Basic/0/0/)   Marks: 1

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Given a number **N,** print the first N fibonacci numbers.

**Input:**  
The first line of input contains an integer **T** denoting the number of test cases. Then T test cases follow. The first line of each test case contains the integer N.

**Output:**  
Print the first n fibonacci numbers with a space between each number. Print the answer for each test case in a new line.

**Constraints:**  
1<= T <=100  
1<= N <=84

**Example:  
Input:**  
1  
7

**Output:**  
1 1 2 3 5 8 13

\*\* For More Input/Output Examples Use ['Expected Output'](https://practice.geeksforgeeks.org/problems/print-first-n-fibonacci-numbers/0#ExpectOP) option \*\*

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<https://practice.geeksforgeeks.org/problems/print-first-n-fibonacci-numbers/0>

#include <iostream>

#include <stdio.h>

#include <vector>

#define ll long long int

using namespace std;

int main()

{

//code

int t, n;

scanf("%d", &t);

while(t-- ) {

scanf("%d", &n);

vector<ll> v;

v.push\_back(1);

v.push\_back(1);

for(int i = 2; i < n; i++) {

//cout << c << " ";

v.push\_back(v[i-1] + v[i-2]);

}

for(int i =0; i<n; i++){

cout << v[i] << " ";

}

cout << endl;

}

return 0;

}