| Marwadi University | Marwadi University<br>Faculty of Technology<br>Department of Information and Communication Technology | |
|---|---|---|
| Sem :4 | Name : Hasti Hajipara | |
| Day : 108 | Date : 2/2/2023 | Enrollment No: 92100133052 |

# CP Club 365 Days Challenge

**Programming language – Any language**

## Problem Statement

https://www.codechef.com/START76B/problems/NOTDIVISIBLE

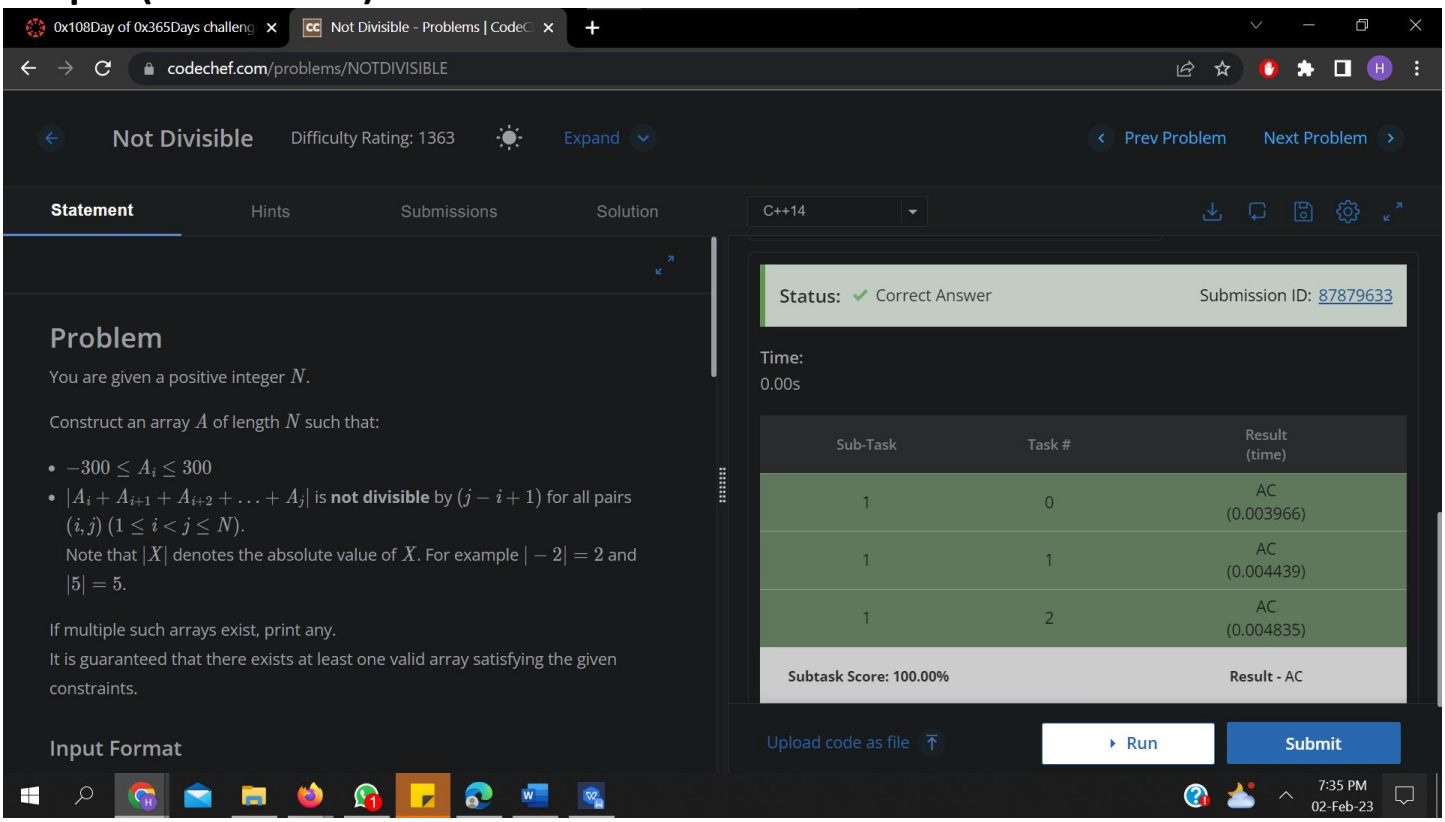
**Your Code**:

```
#include <iostream>
using namespace std;

int main() {
	// your code goes here
	int t;
	cin>>t;
	while(t--){
	   int n;
	   cin>>n;
	   for(int i=0;i<n/2;i++){
	      cout<<"1 2 ";
	   }
	   if(n%2!=0){
	      cout<<1;
	   }
	   cout<<endl;
	}
	return 0;
}
```

| Marwadi University | Marwadi University<br>Faculty of Technology<br>Department of Information and Communication Technology | |
|---|---|---|
| Sem :4 | Name : Hasti Hajipara | |
| Day : 108 | Date : 2/2/2023 | Enrollment No: 92100133052 |

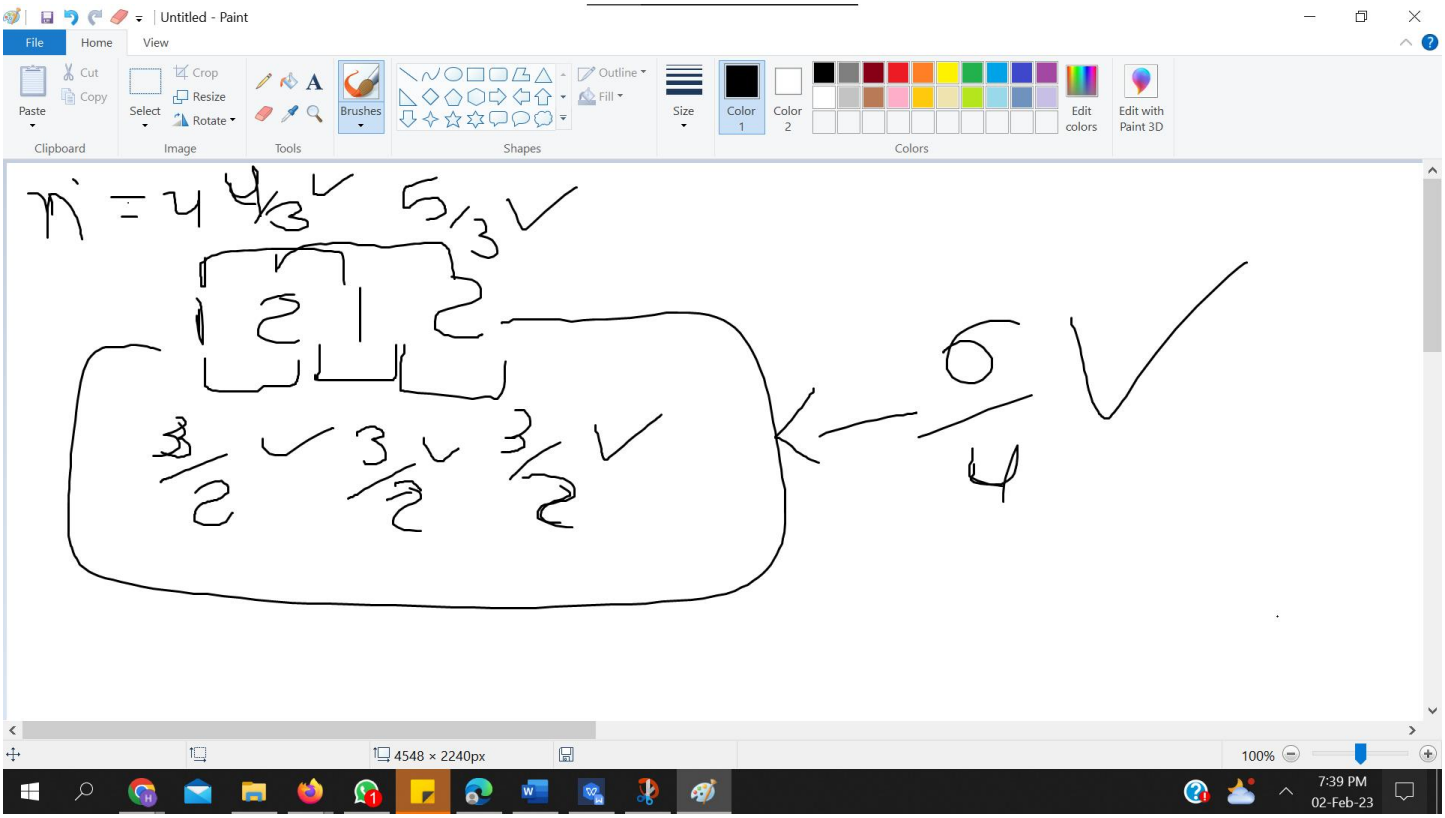
## Output (Screen Shot):




## Understanding about problem:

In This Problem we can Find this Pattern like if we write 1 2 1 2 1 2… then also given Condition is true.For That

| Marwadi University | Marwadi University<br>Faculty of Technology<br>Department of Information and Communication Technology | |
|---|---|---|
| Sem :4 | Name : Hasti Hajipara | |
| Day : 108 | Date : 2/2/2023 | Enrollment No: 92100133052 |




Here Numerator is sum of Ai to Aj and condition is sum of Ai to Aj will not divisible by j-i+1.So This array is true for that condition.So we will print 1 2 up to n/2 times.if array is even then it's ok. But if array is odd then we print 1 extra.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

**ALL THE BEST**

Team CP Club