- **EASY**
- **Max Score: 30 Points**

Recursively Print Numbers

Write a recursive program to print all numbers starting from 1 till N. The sequence should be `1 2 3 ... N`.

Input Format

Input consists of a single integer N

Output Format

Print the numbers between 1 and N in ascending order, each separated by a single space.

Example 1

Input

`5`

Output

`1 2 3 4 5`

Example 2

Input

`10`

Output

Constraints

1 <= N <= 1000

My code

```java
// n java
import java.util.*;

public class Main {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int N = sc.nextInt();
        // int t=1;
            printtillN(N,1);

    }

    public static void printtillN(int N, int i) {
        if(N<i)
            return;
        System.out.print(i+" ");
    printtillN(N,i+1);
    }
}
```