// Given value n print all value from 1 to n and from n to 1. I.e in increasing and decreasing order.

Program-

#include<iostream>

using namespace std;

void dec(int n)

{

if(n==0)

return;

cout<<n<<" ";

dec(n-1);

}

void inc(int n)

{

if(n==0)

return;

inc(n-1);

cout<<n<<" ";

}

int main()

{

int n;

cin>>n;

dec(n);

cout<<endl;

inc(n);

}