//increasing number triangle pattern

import java.util.Scanner;

public class Main {

public static void increasingNumberTrianglePattern(int n) {

System.out.println("increasing number triangle pattern is : ");

int num=1;

for (int i=1;i<=n;i++){

for(int j=1;j<=i;j++){

System.out.print(num+" ");

num+=1;

}

System.out.println();

}

}

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter n: ");

int n = sc.nextInt();

increasingNumberTrianglePattern(n);

sc.close();

}

}