



Alternate Rows Triangle Pattern

Given an integer N, the program must print the pattern as shown in the Example Input/Output section.

Boundary Condition(s):

1 <= N <= 100

Input Format:

The first line contains N.

Output Format:

The pattern is printed as shown in the Example Input/Output section.

Example Input/Output 1:

Input:

4

Output:

```
---1
--3-2
-4-5-6
10-9-8-7
```

Example Input/Output 2:

Input:

5

Output:

```
----1
---3-2
--4-5-6
-10-9-8-7
11-12-13-14-15
```

Max Execution Time Limit: 5000 millisecs

Ambiance

Java (12.0)



```

1 import java.util.*;
2 public class Hello {
3
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         int num = sc.nextInt();
7         int dash = num-1;
8         int counter = 1;
9         int increament = 0;
10        int printCount=1;
11
12        for(int i=0;i<num;i++){
13            dasher(dash--);
14            for(int j=0;j<printCount;j++){
15                System.out.print(counter);
16                if(j<printCount-1) System.out.print("-");
17                else System.out.println();
18                if(i%2==0 && j<printCount-1) counter++;
19                else if(j<printCount-1) counter--;
20            }
21            printCount++;
22
23            if(i%2==0) counter+=printCount;
24            else counter+=(printCount-1);
25
26        }
27    }
28
29    public static void dasher(int a){
30        for(int i=0;i<a;i++) System.out.print("-");
31    }
32 }

```

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Code did not pass the execution

Input:

4

Expected Output:

```

---1
--3-2
-4-5-6
10-9-8-7

```

Your Program Output:

```

===1
==3-2
=4-5-6
10-9-8-7

```

Save

Run