You're given a number N. Print the first N

lines of the below-given pattern.

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

Input:

- First-line will contain the number *N*

- .

Output:

Print the first *N*

lines of the given pattern.

Constraints

- 1≤*N*≤200

-

Sample Input 1:

4

Sample Output 1:

```
1
2 3 2
3 4 5 4 3
4 5 6 7 6 5 4
```

Sample Input 2:

2

Sample Output 2:

```
1
2 3 2
```

EXPLANATION:

- In the first example, we'll print the first 4 lines of the given pattern.
- In the second example, we'll print the first 2 lines of the given pattern