

1. print values

What will be the output of the following code:

```
for i in range(1):
    for j in range(2):
        for k in range(1):
            print("a", end=" ")
        print(end="")
    print("c")
```

Choose the correct answer from below:

- A. a a c
- B. aac
- C. aa c
- D. aa cc

2. Inverted Numeric Pyramid

Problem Description

Take an integer **N** as input, print the corresponding **Numeric Inverted Half Pyramid** pattern for **N**.

For example if **N = 4** then pattern will be like:

```
1 2 3 4
1 2 3
1 2
1
```

Problem Constraints

$1 \leq N \leq 100$

Input Format

First and only line of input contains a single integer **N**.

Output Format

Output the Numeric Inverted Half Pyramid pattern corresponding to the given **N**.

NOTE: There should be no extra spaces after last integer and before first integer in any row and all integers in any row in the pattern are space separated.

Example Input

Input 1:

2

Input 2:

3

Example Output

Output 1:

1 2
1

Output 2:

1 2 3
1 2
1

Example Explanation

Print the pattern as described.

3. Stair Pattern

Problem Description

Take an integer **N** as input, print the corresponding stair pattern for **N**.

For example if **N = 4** then stair pattern will be like:

```
*  
* *  
* * *  
* * * *
```

Problem Constraints

$1 \leq N \leq 100$

Input Format

First and only line of input contains a single integer **N**.

Output Format

Output the stair pattern corresponding to the given **N**.

Example Input

Input 1:

2

Input 2:

3

Example Output

Output 1:

```
*  
* *
```

Output 2:

```
*  
* *  
* * *
```

4. Numeric Stair Pattern

Problem Description

Take an integer **N** as input, print the corresponding pattern for **N**.

For example if **N = 4** then pattern will be like:

```
1
1 2
1 2 3
1 2 3 4
```

Problem Constraints

$1 \leq N \leq 100$

Input Format

First and only line of input contains a single integer **N**.

Output Format

Output the pattern corresponding to the given **N**.

NOTE: There should be no extra spaces after last integer and before first integer in any row and all integers in any row in the pattern are space separated.

Example Input

Input 1:

2

Input 2:

3

Example Output

Output 1:

```
1
1 2
```

Output 2:

```
1
1 2
1 2 3
```