

<https://course.acciojob.com/idle?question=0af6f7a5-b611-4d69-978b-c5028d25878a>

● EASY

● Max Score: 30 Points

## Print Continuous Character Pattern

Given an integer  $n$  that denotes the number of rows to be printed, print the pattern in which each row starts with its corresponding alphabet and has a length equal to the row number. (See the examples for a better understanding).

Note: You can take the alphabet to be cyclic. On reaching  $z$ , you will cycle back to  $A$ , then  $B$ , and so on.

### Input Format

First line contains the value  $n$  representing the number of rows.

### Output Format

Print the pattern.

### Example 1

Input

5

Output

```
A
BC
CDE
DEFG
EFGHI
```

## Example 2

Input

8

Output

```
A
BC
CDE
DEFG
EFGHI
FGHIJK
GHIJKLM
HIJKLMNO
```

## Constraints

$1 \leq n \leq 26$

### Topic Tags

- **Strings**

# My code

// in java

```
import java.util.*;
```

```
class Solution {
    public void printPattern2(int n) {
        //Write code here and print pattern here
        int a=65;
        for(int i=0;i<n;i++)
```

```

        {
            for(int j=0;j<=i;j++)
            {
                int as=i+j;
                as=as%26;
                char c=(char)(as+a);
                System.out.print(c);
            }
            System.out.print("\n");
        }
    }
}

```

```

public class Main {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int n;
        n = sc.nextInt();
        Solution Obj = new Solution();
        Obj.printPattern2(n);
        sc.close();
    }
}

```