Programiz Online Java Compiler

Main.java

Run

```java
public class RightTriangleStarPattern {
    public static void main(String[] args) {
        int rows = 5;
        for (int i = 1; i <= rows; i++) {
            for (int j = 1; j <= i; j++) {
                System.out.print("* ");
            }
            System.out.println();
        }
    }
}
```

Output

```
java -cp /tmp/NnOeDMZDP7/RightTriangleStarPattern
*
* *
* * *
* * * *
* * * * *

=== Code Execution Successful ===
```

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Main.java

Run

Output

```java
public class NumberPattern {
    public static void main(String[] args) {
        int num = 1;
        for (int i = 1; i <= 5; i++) {
            for (int j = 1; j <= i; j++) {
                System.out.print(num + " ");
                num++;
            }
            System.out.println();
        }
    }
}
```

```
java -cp /tmp/PhKT1NvfeV/NumberPattern
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15

=== Code Execution Successful ===
```

Main.java

Run

```java
public class RectangleSymbolPattern {
    public static void main(String[] args) {
        int rows = 5;
        int cols = 10;
        for (int i = 1; i <= rows; i++) {
            for (int j = 1; j <= cols; j++) {
                if (i == 1 || i == rows || j == 1 || j == cols) {
                    System.out.print("* ");
                } else {
                    System.out.print("  ");
                }
            }
            System.out.println();
        }
    }
}
```

Output

```
java -cp /tmp/gpblmFpJ5K/RectangleSymbolPattern
* * * * * * * * * *
*                 *
*                 *
*                 *
* * * * * * * * * *

=== Code Execution Successful ===
```

Main.java

Run

```java
public class AlphabetPattern {
    public static void main(String[] args) {
        char ch = 'A';
        for (int i = 1; i <= 5; i++) {
            for (int j = 1; j <= i; j++) {
                System.out.print(ch + " ");
                ch++;
            }
            System.out.println();
        }
    }
}
```

Output

```
java -cp /tmp/iIdTIR2Hqc/AlphabetPattern
A
B C
D E F
G H I J
K L M N O

=== Code Execution Successful ===
```

lain.java

Run

```java
public class InvertedFullPyramid {
    public static void main(String[] args) {
        int rows = 5;
        for (int i = 1; i <= rows; i++) {
            // Print spaces
            for (int j = 1; j < i; j++) {
                System.out.print("  ");
            }
            // Print numbers
            for (int j = 1; j <= rows - i + 1; j++) {
                System.out.print(j + " ");
            }
            System.out.println();
        }
    }
}
```

Output

```
java -cp /tmp/241OrO5DqR/InvertedFullPyramid
1 2 3 4 5
  1 2 3 4
    1 2 3
      1 2
        1

=== Code Execution Successful ===
```