

```
1 // 35.
2 // Create a program that print patterns:
3 public class PatternPrinting {
4     public static void main(String[] args) {
5         int rows = 5; // You can change this to print
           more or fewer rows
6
7         // Right Half Pyramid
8         System.out.println("Right Half Pyramid:");
9         for (int i = 1; i <= rows; i++) {
10             for (int j = 1; j <= i; j++) {
11                 System.out.print("* ");
12             }
13             System.out.println();
14         }
15
16         // Reverse Right Half Pyramid
17         System.out.println("\nReverse Right Half
Pyramid:");
18         for (int i = rows; i >= 1; i--) {
19             for (int j = 1; j <= i; j++) {
20                 System.out.print("* ");
21             }
22             System.out.println();
23         }
24
25         // Left Half Pyramid
26         System.out.println("\nLeft Half Pyramid:");
27         for (int i = 1; i <= rows; i++) {
28             // Print spaces first
29             for (int j = i; j < rows; j++) {
30                 System.out.print("  ");
31             }
32             // Then print stars
33             for (int k = 1; k <= i; k++) {
34                 System.out.print("* ");
35             }
36             System.out.println();
37         }
38     }
39 }
```