```java
package Example;
import java.util.Scanner;
public class Pattern {
          public static void main(String[] args) {
              Scanner scanner = new Scanner(System.in);
              System.out.print("Enter the number of rows for the triangle
pattern: ");
              int rows = scanner.nextInt();

              // Loop for each row
              for (int i = 1; i <= rows; i++) {
                  // Print spaces before the stars
                  for (int j = 1; j <= rows - i; j++) {
                      System.out.print(" ");
                  }

                  // Print stars for each row
                  for (int k = 1; k <= i * 2 - 1; k++) {
                      System.out.print("*");
                  }

                  // Move to the next line for the next row
                  System.out.println();
              }

              scanner.close();
      }

}
```

```
Enter the number of rows for the triangle pattern: 3
  *
 ***
*****
```

```java
package Example;
import java.util.Scanner;
public class FibonnaciPattern {
          public static void main(String[] args) {
              Scanner scanner = new Scanner(System.in);
              System.out.print("Enter the number of terms in the Fibonacci
series: ");
              int n = scanner.nextInt();

              int a = 0, b = 1;

              // Loop for each row
              for (int i = 1; i <= n; i++) {
                  // Print Fibonacci numbers for each row
                  for (int j = 1; j <= i; j++) {
                      System.out.print(a + " ");
                      int sum = a + b;
                      a = b;
                      b = sum;
                  }

                  // Move to the next line for the next row
                  System.out.println();
              }

              scanner.close();
```

```
        }
    }
```

```
Enter the number of terms in the Fibonacci series: 4
0
1 1
2 3 5
8 13 21 34
```

```
package Example;

public class Square {
        public static void main(String[] args) {
            int size = 5;

            for (int i = 0; i < size; i++) {
                for (int j = 0; j < size; j++) {
                    System.out.print("* ");
                }
                System.out.println();
            }
        }
    }
```

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