

```
import java.io.*;

class FibonacciNonRecursive {

    // Function to print N Fibonacci Numbers
    static void Fibonacci(int N) {
        int num1 = 0, num2 = 1;
        for (int i = 0; i < N; i++) {
            // Print the number
            System.out.print(num1 + " ");

            // Swap
            int num3 = num2 + num1;
            num1 = num2;
            num2 = num3;
        }
    }

    // Driver Code
    public static void main(String args[]) {
        int N = 10;
        Fibonacci(N);
    }
}
```

```
import java.io.*;

class FibonacciRecursive {

    // Function to print the Fibonacci series
    static int fib(int n) {
        if (n <= 1)
            return n;
        return fib(n - 1) + fib(n - 2);
    }

    // Driver Code
    public static void main(String args[]) {
        int N = 10;
        for (int i = 0; i < N; i++) {
            System.out.print(fib(i) + " ");
        }
    }
}
```