

```
package labs.lab2.pro5;

public class Lab2_Pro5_64010009 {

    public static void main(String[] args) {

        final int MAX_PRINT_NUMBER = 100;

        int sequence_first = 1;
        int sequence_second = 3;

        int first_set_increment = 2;
        boolean is_first_set = true;

        int number_count = 1;

        while (number_count < MAX_PRINT_NUMBER) {

            if (is_first_set) {

                System.out.print(sequence_first + ", ");
                sequence_first += first_set_increment;
                first_set_increment += 2;

            } else {

                System.out.print(sequence_second + ", ");
                sequence_second += 3;
            }

            is_first_set = !is_first_set;
            number_count++;
        }

        if (is_first_set) System.out.print(sequence_first);
        else System.out.print(sequence_second);
    }
}
```