```java
public class Arrays {

    public static void printNums(int[] nums) {
        for (int i = 0; i < nums.length; i++) {    // array.length  returns the number of items in an array
            System.out.println(nums[i]); // array[index] gets the item at a given index of an array
        }
    }

    public static void printStrings(String[] words) {
        for (int i = 0; i < words.length; i++) {    // array.length  returns the number of items in an array
            System.out.println(words[i]); // array[index] gets the item at a given index of an array
        }
    }

    public static void main(String[] args) {
        // Array is a collection of stuff
            // example: a String "word" is an object that has an array of characters 'w', 'o', 'r', 'd'
        int [] nums; // declare
        int [] numbers = {1,5,12,3}; //declare with values
        int [] numbs = new int[10]; // declaring and initializing an array filling it with blank values
                                    /*
                                     * 0 for numbers
                                     * false for booleans
                                     */
        String[] words = new String[5]; // empty objects are filled with null

        printNums(numbers);
        printNums(numbs);
        printStrings(words);


        numbers[1] = 1000; //replace the value at a given index
        printNums(numbers);
        System.out.println(numbers[0]); // printing a number at a given index



    }

}
```