public class LinearSearch {

public static int linearSearch(int[] array, int target) {

for (int i = 0; i < array.length; i++) {

if (array[i] == target) {

return i; // Target found at index i

}

}

return -1; // Target not found in the array

}

public static void main(String[] args) {

int[] numbers = {5, 8, 2, 10, 3};

int target = 10;

int index = linearSearch(numbers, target);

if (index != -1) {

System.out.println("Target found at index " + index);

} else {

System.out.println("Target not found in the array");

}

}

}