

```
package datastructure.Search;

public class LinearSearch {

    static int search(int[] arr, int x) {

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

            if (arr[i] == x)

                return i;

        }

        return -1;

    }

    public static void main(String[] args) {

        int array[] = { 3, 6, 1, 7, 4, 8, 9 };

        LinearSearch linear = new LinearSearch();

        int result = linear.search(array, 1);

        if (result == -1)

            System.out.println("Element not present");

        else

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

    }

}
```