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LINEAR SEARCH

import java.util.Scanner;

public class linearSearch {

public static void main(String[] args){

int[] arr = {10,20,30,40,50};

Scanner sc = new Scanner(System.in);

System.out.println("Enter the element to be searched");

int searchValue = sc.nextInt();

int result = (int) linearing(arr,searchValue);

if(result==-1){

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

} else {

System.out.println("Element found at "+result+" and the search key is "+arr[result]);

}

}

OUTPUT

Enter the element to be searched

10

Element found at 0 and the search key is 10

