package Com.Lession5.LinearDemo;

import java.util.Scanner;

public class LinearSearchDemo {

public static void main(String[] args) {

int arr[]= {30,20,34,44,86,45,70};

System.out.println("Enter Key for Linera Search");;

Scanner scanner=new Scanner(System.in);

int key= scanner.nextInt();

int result= LinearSearch(arr,key);

if(result==-1) {

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

}

else {

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

}

}

public static int LinearSearch(int arr[],int key) {

int len=arr.length;

int index=-1;

for (int i=0;i<len;i++) {

if (arr[i]==key){

index=i;

}

}

return index;

}

}