package linearsearch;

public class Linearsearch {

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

int i;

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

if(arr[i]==key){

return i;

}

}

return -1;

}

public static void main(String[] args) {

int[] arr={12,13,34,5,6,10,8,11};//index=0->7

int key=6;

System.out.println(key+" is in index no:"+linearsearch(arr,key));

//if key is in first index that is best case

//it's time is constant O(1)->B(n)=O(1)

//if key is in last index that is worst case

//it's is maximum and also constant and is O(8)->W(n)=O(8)

// average case= => average case=

}

}