func LinearSearch(arr []int,target int) int {

for i:=0;i<len(arr);i++{

if arr[i]==target{

return i

}

}

return -1

}

func BinarySearch(arr []int,target int) int{

low,high :=0,len(arr)-1

for low <= high {

mid:= (low+high)/2

if arr[mid]==target{

return mid

}else if target < arr[mid]{

high=mid-1

}else{

low=mid+1

}

}

return -1

}

func BinarySearchR(arr []int,target,low,high int) int {

mid:=(low+high)/2

if low <=high{

if arr[mid]==target{

return mid

}else if target < arr[mid]{

BinarySearchR(arr,target,low,mid-1)

}else{

BinarySearchR(arr,target,mid+1,high)

}

}

return mid

}

func BinarySearchString(s string,target byte) int {

low,high:=0,len(s)-1

for low <= high{

mid:=(low+high)/2

if s[mid]==target{

return mid

}else if target < s[mid]{

high=mid-1

}else{

low=mid+1

}

}

return -1

}