arr=[]

n=int(input("Enter The Number Of Student Enroll In Training Program-"))

for i in range(n):

roll\_no=int(input("Enter The Roll No-"))

arr.append(roll\_no)

def linear(arr):

key=int(input("Enter The Key To Be Search-"))

n=len(arr)

for i in range(n):

if (arr[i]==key):

flag=1

break

else:

flag=0

if flag==1:

print("Training Attended")

else:

print("Training Not Attended")

def sentinel(arr):

key=int(input("Enter The Key To Be Search-"))

n=len(arr)

last=arr[n-1]

arr[n-1]=key

i=0

while(arr[i]!=key):

i=i+1

arr[n-1]=last

if(i<n-1 or arr[n-1]==key):

print("Training Attended")

else:

print("Training Not Attended")

while True:

print("1.Linear Search\n 2.Sentinel Search")

ch=int(input("Enter Choice (Press 0 For Exit) -"))

if(ch==1):

linear(arr)

if(ch==2):

sentinel(arr)

if(ch==0):

break