**SEARCHING ALGORITHM**

PROGRAM :

a=int(input("how many number to be added: "))  
list1=[1,5,6,7,8,9,10,11,12,14,16,17,18,20,21,21,24,26,28]  
list2=[]  
for i in range(0,a):  
 b = int(input("enter the number to be searched: "))  
 list2.append(b)  
print(list2)  
for j in range(0,len(list1)):  
 for k in range(0,len(list2)):  
 if list1[j]==list2[k]:  
 print(list1.index(list1[j]))  
for s in list2:  
 if s not in list1:  
 print(-1)