Problem 3

Akshay always travels with bus and his favorite seat is window seat from where he can watch outside interesting world. But now a day the MSRTC have implanted new advance ticket booking system so they will give a list of seat numbers and ask to choose one.

But Akshay, being in love with window seat, always want to choose the window seat having lowest seat number no matter which coach(left coach or right coach).

Help Akshay to select proper seat for him. He will give you the number of available seat you have to tell him if window seat having lowest seat number is available or not. And Akshay being lazy he always get late for advance ticket booking system, that is he always have max. 7 seats available or minimum 0.(khali hat vapas condition).

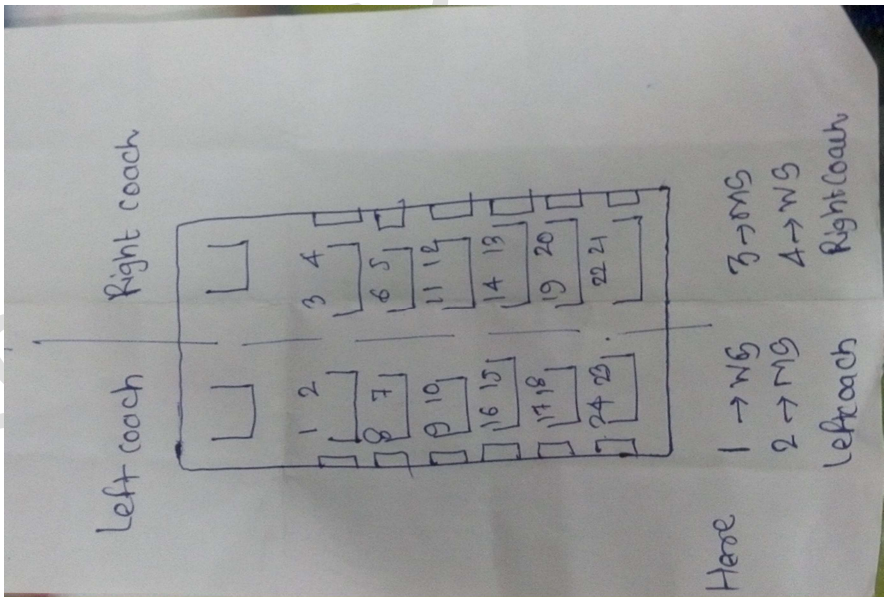
The sample seat distribution have been shown in the diagram.

NOTEs:

We wil represent a. Window Seat as WS and left coach as LC and right coach as RC

(YOU HAVE TO FIND WHEATHER A GIVEN SEAT IS WS or NOT and ITS COACH)

1. In both coaches the priority of seat having low number is greater.
2. Ex. 1 is WS in RC therefore have high priority than 4 WS in LC (shown in figure).
3. Ex. 4 is WS in RC therefore have high priority than 13 WS in RC.



Input:

First line contain integer t for test cases

Second line contains integer number n (no. of seats available)

Third line contains n numbers of respective seats available seat_available[i]

Output:

For every test case the output exist either NO WINDOW SEAT or number of window seat with the coach description. (max top 2)

Nth Line contains the number of the window seats with their description LC (left coach) Or RC (right coach).

Constraints:

1<= t <=10

1<= n <=7

1<=seat_available[i]<=21

Sample Inputs:	Sample Outputs:
3	1 WS LC 4 WS RC
3	5 WS RC 8 WC LC
1 3 4	NO WINDOW SEAT
6	
8 12 5 16 13 20	
7	
2 7 10 15 18 23 22	

Explanation:

First line ther is a number 3 test case explains our program is running for 3 times just like do while loop

Second line contains number of seat available for first case so,

For case 1. n=3 a[0]=1 a[1]=3 a[2]=4

From the diagram 1 is Window seat in Left Coach and 4 is Window seat In Right Coach. So, 1 number being less than 4 have high priority.

For second case :

n=6 and six seat numbers out of which

Out of which all are window seat but 5 and 8 numbers are smaller than every seat number.

For third case:

n=7 and seven seat numbers none of them are window seat.

So NO WINDOW SEAT'

(call on 7350221618 for hints)