

Testcases:

1. Input:

6
1 2 9
2 3 5
3 5 7
4 8 5
5 7 3
6 1 0

Output:

Staying still at floor 0
Moved from 0 to 1
Moved from 1 to 2
Opened door at 2 floor
Closed door at 2 floor
Moved from 2 to 3
Opened door at 3 floor
Closed door at 3 floor
Moved from 3 to 4
Moved from 4 to 5
Opened door at 5 floor
Closed door at 5 floor
Opened door at 5 floor
Closed door at 5 floor
Moved from 5 to 6
Moved from 6 to 7
Opened door at 7 floor
Closed door at 7 floor
Moved from 7 to 8
Moved from 8 to 9
Opened door at 9 floor
Closed door at 9 floor
Moved from 9 to 8
Opened door at 8 floor
Closed door at 8 floor
Moved from 8 to 7
Opened door at 7 floor
Closed door at 7 floor
Moved from 7 to 6
Moved from 6 to 5
Opened door at 5 floor
Closed door at 5 floor
Moved from 5 to 4
Moved from 4 to 3

Opened door at 3 floor
Closed door at 3 floor
Moved from 3 to 2
Moved from 2 to 1
Opened door at 1 floor
Closed door at 1 floor
Moved from 1 to 0
Opened door at 0 floor
Closed door at 0 floor

2. Input:

5
1 3 7
2 2 9
3 9 0
4 7 3
5 0 1

Output:

Staying still at floor 0
Moved from 0 to 1
Moved from 1 to 2
Opened door at 2 floor
Closed door at 2 floor
Moved from 2 to 3
Opened door at 3 floor
Closed door at 3 floor
Moved from 3 to 4
Moved from 4 to 5
Moved from 5 to 6
Moved from 6 to 7
Opened door at 7 floor
Closed door at 7 floor
Moved from 7 to 8
Moved from 8 to 9
Opened door at 9 floor
Closed door at 9 floor
Opened door at 9 floor
Closed door at 9 floor
Moved from 9 to 8
Moved from 8 to 7
Opened door at 7 floor
Closed door at 7 floor
Moved from 7 to 6
Moved from 6 to 5
Moved from 5 to 4

Moved from 4 to 3
Opened door at 3 floor
Closed door at 3 floor
Moved from 3 to 2
Moved from 2 to 1
Moved from 1 to 0
Opened door at 0 floor
Closed door at 0 floor
Opened door at 0 floor
Closed door at 0 floor
Moved from 0 to 1
Opened door at 1 floor
Closed door at 1 floor

3. Input:

6
1 2 6
2 4 0
3 6 9
4 8 3
5 0 1
6 3 2

Output:

Staying still at floor 0
Moved from 0 to 1
Moved from 1 to 2
Opened door at 2 floor
Closed door at 2 floor
Moved from 2 to 3
Moved from 3 to 4
Moved from 4 to 5
Moved from 5 to 6
Opened door at 6 floor
Closed door at 6 floor
Opened door at 6 floor
Closed door at 6 floor
Moved from 6 to 7
Moved from 7 to 8
Moved from 8 to 9
Opened door at 9 floor
Closed door at 9 floor
Moved from 9 to 8
Opened door at 8 floor
Closed door at 8 floor
Moved from 8 to 7

Moved from 7 to 6
Moved from 6 to 5
Moved from 5 to 4
Opened door at 4 floor
Closed door at 4 floor
Moved from 4 to 3
Opened door at 3 floor
Closed door at 3 floor
Opened door at 3 floor
Closed door at 3 floor
Moved from 3 to 2
Opened door at 2 floor
Closed door at 2 floor
Moved from 2 to 1
Moved from 1 to 0
Opened door at 0 floor
Closed door at 0 floor
Opened door at 0 floor
Closed door at 0 floor
Moved from 0 to 1
Opened door at 1 floor
Closed door at 1 floor

4. Input:

6
1 0 7
2 1 4
3 9 0
10 7 1
13 5 2
14 6 8

Output:

Staying still at floor 0
Opened door at 0 floor
Closed door at 0 floor
Moved from 0 to 1
Opened door at 1 floor
Closed door at 1 floor
Moved from 1 to 2
Moved from 2 to 3
Moved from 3 to 4
Opened door at 4 floor
Closed door at 4 floor
Moved from 4 to 5
Moved from 5 to 6

Moved from 6 to 7
Opened door at 7 floor
Closed door at 7 floor
Opened door at 7 floor
Closed door at 7 floor
Moved from 7 to 6
Moved from 6 to 5
Opened door at 5 floor
Closed door at 5 floor
Moved from 5 to 4
Moved from 4 to 3
Moved from 3 to 2
Opened door at 2 floor
Closed door at 2 floor
Moved from 2 to 1
Opened door at 1 floor
Closed door at 1 floor
Moved from 1 to 2
Moved from 2 to 3
Moved from 3 to 4
Moved from 4 to 5
Moved from 5 to 6
Opened door at 6 floor
Closed door at 6 floor
Moved from 6 to 7
Moved from 7 to 8
Opened door at 8 floor
Closed door at 8 floor
Moved from 8 to 9
Opened door at 9 floor
Closed door at 9 floor
Moved from 9 to 8
Moved from 8 to 7
Moved from 7 to 6
Moved from 6 to 5
Moved from 5 to 4
Moved from 4 to 3
Moved from 3 to 2
Moved from 2 to 1
Moved from 1 to 0
Opened door at 0 floor
Closed door at 0 floor

5. Input:

5
1 2 4
2 3 8
3 5 0
4 9 4
5 3 6

Output:

Staying still at floor 0
Moved from 0 to 1
Moved from 1 to 2
Opened door at 2 floor
Closed door at 2 floor
Moved from 2 to 3
Opened door at 3 floor
Closed door at 3 floor
Moved from 3 to 4
Opened door at 4 floor
Closed door at 4 floor
Moved from 4 to 5
Moved from 5 to 6
Moved from 6 to 7
Moved from 7 to 8
Opened door at 8 floor
Closed door at 8 floor
Moved from 8 to 9
Opened door at 9 floor
Closed door at 9 floor
Moved from 9 to 8
Moved from 8 to 7
Moved from 7 to 6
Moved from 6 to 5
Opened door at 5 floor
Closed door at 5 floor
Moved from 5 to 4
Opened door at 4 floor
Closed door at 4 floor
Moved from 4 to 3
Moved from 3 to 2
Moved from 2 to 1
Moved from 1 to 0
Opened door at 0 floor
Closed door at 0 floor
Moved from 0 to 1
Moved from 1 to 2

Moved from 2 to 3
Opened door at 3 floor
Closed door at 3 floor
Moved from 3 to 4
Moved from 4 to 5
Moved from 5 to 6
Opened door at 6 floor
Closed door at 6 floor

6. Input:

5
1 3 6
2 5 1
3 9 0
4 6 8
5 1 4

Output:

Staying still at floor 0
Moved from 0 to 1
Moved from 1 to 2
Moved from 2 to 3
Opened door at 3 floor
Closed door at 3 floor
Moved from 3 to 4
Moved from 4 to 5
Moved from 5 to 6
Opened door at 6 floor
Closed door at 6 floor
Opened door at 6 floor
Closed door at 6 floor
Moved from 6 to 7
Moved from 7 to 8
Opened door at 8 floor
Closed door at 8 floor
Moved from 8 to 9
Opened door at 9 floor
Closed door at 9 floor
Moved from 9 to 8
Moved from 8 to 7
Moved from 7 to 6
Moved from 6 to 5
Opened door at 5 floor
Closed door at 5 floor
Moved from 5 to 4
Moved from 4 to 3

Moved from 3 to 2
Moved from 2 to 1
Opened door at 1 floor
Closed door at 1 floor
Moved from 1 to 0
Opened door at 0 floor
Closed door at 0 floor
Moved from 0 to 1
Opened door at 1 floor
Closed door at 1 floor
Moved from 1 to 2
Moved from 2 to 3
Moved from 3 to 4
Opened door at 4 floor
Closed door at 4 floor