**XX. Why is life so hard?**

# Program Name: elevator.java Input File: elevator.dat

Good golly, Miss Molly, our elevator just broke down. I don’t really know why, but this new one we’re buying has an OS but no code to run it. Don’t hate, we’re cheap like that. Also it only has room for one file so we can’t have an independent runner file, so just put the main method in the class. We need help. Our elevator needs to take what level it was called at, and where it’s going to. We are always adding more floors, so we don’t have limits on how many floors there are, but an ease on code is that the elevator will never get called while it’s on a path. We aren’t really that busy. The elevator still has to go in the order it is called. We’ll get complaints otherwise. Crying is always an option. Complaining is not.

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**Input**

The first number will tell you the number of times the program will run. The first number on the line will tell you where the elevator is going. The second number on the line will tell you where it was called from.

**Output**

The first integer will tell you the number of trials. The elevator will print out where it is going and where it came from. It will always start at 0.

**Example Input File**

5

46 12

82 65

16 85

5 16

79 98

**Example Output to Screen**

The elevator was at 0 and was called to 12, but now it moved to 46

The elevator was at 46 and was called to 65, but now it moved to 82

The elevator was at 82 and was called to 85, but now it moved to 16

The elevator was at 16 and was called to 16, but now it moved to 5

The elevator was at 5 and was called to 98, but now it moved to 79