Futoshiki – Getting started

Did you figure out all or some of these rules from the solved puzzle?
  - ➢ Every row and every column must contain the digits 1, 2, 3, 4, once each.
  - ➢ The numbers directly on either side of an inequality must satisfy the greater than and less than signs. Examples: 4 > 2,   4 > 3 > 1,   2 < 3,   1 < 2 < 4.

Here is one sequence of steps leading towards the solution.

Grid 1
 	
☐ < **3** ☐ ☐
 	
☐ > ☐ ☐ < **4**
         ∨
☐ ☐ ☐ ☐
 	
3 ☐ ☐ ☐
	Grid 2
	
	12 < 3 4 ☐
	
	☐ > ☐ 23 < 4
	           ∨
	☐ ☐ 12 ☐
	
	3 ☐ ☐ ☐

given clues	only 1 or 2 are less than 3
	look for long chains: these are the only possible numbers here
	this is the only place in row 1 for the 4

Grid 3
 	
1 < 3 4 ☐
 	
2 > 1 3 < 4
         ∨
☐ ☐ 12 ☐
 	
3 ☐ ☐ ☐
	Grid 4
	
	1 < 3 4 ☐
	
	2 > 1 3 < 4
	         ∨
	☐ ☐ ☐ ☐
	
	3 ☐ ☐ ☐

2 is the only number that can go here	now you finish it!
so the only possibility here is 1	
so we know that it must be the 3 here	