



Blue lines - Boolean Input Control
 Green lines - True Input/Output line
 Red lines - False Input/Output line

Actor : Compare ($\text{data} < \text{val}$, $\text{data} == \text{val}$) has two input lines
 input[0] reads 'n' or 'val' from **Input**
 input[1] reads 'data to be compared' or 'data' from **Fork3**

Pipe in data for stdin from the **read.txt** file provided.
Change the number in the **read.txt** file to test for different values of **n**.

The above network has 15 actors. The following are the speedup results.

N = 200

Command used : `cat read.txt | java Simulation.java (# of threads) > outfile.txt`

# of threads	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Time (ms)	305	281	159	80	85	59	69	51	48	44	45	46	45	49	49

Relative Speedup over t = 1



