The following execution paths are possible:

Thread of p	Thread of q	Value of x after operation
	Read x	0
	Write x	4
Read x		4
Write x		5
Read x		5
Write x		7

Thread of p	Thread of q	Value of x after operation
	Read x	0
Read x		0
	Write x	4
Write x		1
Read x		1
Write x		3
Thread of p	Thread of q	Value of x after operation
Read x		0
	Read x	0
	Write x	4
Write x		1
Read x		1
Write x		3
Thread of p	Thread of q	Value of x after operation
	Read x	0
Read x		0
Write x		1
	Write x	4
Read x		4
Write x		6
Thread of p	Thread of q	Value of x after operation
Read x		0
	Read x	0
Write x		1
	Write x	4
Read x		4
Write x		6
Thread of p	Thread of q	Value of x after operation
Read x		0
Write x		1
	Read x	1
	Write x	5
Read x		5
Write x		7

Thread of p	Thread of q	Value of x after operation
	Read x	0
Read x		0
Write x		1
Read x		1
	Write x	4
Write x		3
Thread of p	Thread of q	Value of x after operation
Read x		0
	Read x	0
Write x		1
Read x		1
	Write x	4
Write x		3
Thread of p	Thread of q	Value of x after operation
Read x		0
Write x		1
	Read x	1
Read x		1
	Write x	5
Write x		3
		~
Thread of p	Thread of q	Value of x after operation
	Thread of q	Value of x after operation 0
Thread of p	Thread of q	_
Thread of p Read x		0
Thread of p Read x Write x	Read x	0
Thread of p Read x Write x Read x		0 1 1 1 5
Thread of p Read x Write x	Read x	0 1 1 1
Thread of p Read x Write x Read x	Read x	0 1 1 1 5
Thread of p Read x Write x Read x Write x	Read x Write x	0 1 1 1 5 3
Thread of p Read x Write x Read x Write x	Read x Write x Thread of q	0 1 1 1 5 3 Value of x after operation
Thread of p Read x Write x Read x Write x Thread of p	Read x Write x Thread of q	0 1 1 1 5 3 Value of x after operation 0
Thread of p Read x Write x Read x Write x Thread of p Read x	Read x Write x Thread of q	0 1 1 1 5 3 Value of x after operation 0 0
Thread of p Read x Write x Read x Write x Thread of p Read x Write x	Read x Write x Thread of q	0 1 1 1 5 3 Value of x after operation 0 1
Thread of p Read x Write x Read x Write x Thread of p Read x Write x Read x Write x Read x Write x	Read x Write x Thread of q Read x Write x	0 1 1 1 5 3 Value of x after operation 0 0 1
Thread of p Read x Write x Read x Write x Thread of p Read x Write x Read x	Read x Write x Thread of q Read x	0 1 1 1 5 3 Value of x after operation 0 0 1 1 3
Thread of p Read x Write x Read x Write x Thread of p Read x Write x Read x Write x Read x Write x	Read x Write x Thread of q Read x Write x	0 1 1 1 5 3 Value of x after operation 0 0 1 1 1 3 4
Thread of p Read x Write x Read x Write x Thread of p Read x Write x Read x Write x Read x Thread of p	Read x Write x Thread of q Read x Write x	1 1 1 5 3 Value of x after operation 0 1 1 1 1 1 1 1 Value of x after operation
Thread of p Read x Write x Read x Write x Thread of p Read x Write x Read x Write x Read x Thread of p	Read x Write x Thread of q Read x Write x Thread of q	1 1 1 5 3 Value of x after operation 0 1 1 1 3 4 Value of x after operation 0
Thread of p Read x Write x Read x Write x Thread of p Read x Write x Read x Write x Read x Thread of p Read x	Read x Write x Thread of q Read x Write x Thread of q	0 1 1 1 5 3 Value of x after operation 0 0 1 1 1 3 4 Value of x after operation 0 0
Thread of p Read x Write x Read x Write x Thread of p Read x Write x Read x Write x Read x Write x Read x Write x	Read x Write x Thread of q Read x Write x Thread of q	0 1 1 1 5 3 Value of x after operation 0 0 1 1 1 3 4 Value of x after operation 0 0 1 1 1 1 3 4

Thread of p	Thread of q	Value of x after operation
Read x		0
Write x		1
	Read x	1
Read x		1
Write x		3
	Write x	5
Thread of p	Thread of q	Value of x after operation
Read x		0
Write x		1
Read x		1
	Read x	1
Write x		3
	Write x	5
Thread of p	Thread of q	Value of x after operation
Read x		0
Write x		1
Read x		1
Write x		3
	Read x	3
	Write x	7

Note that there are 6 take 2=15 possible execution paths.