

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
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
	Read x	0
Read x		0
Write x		1
Read x		1
Write x		3
	Write x	4
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		3
	Write x	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 $6 \text{ take } 2 = 15$ possible execution paths.