

10. Q7

```
$ python ./x86.py -p looping-race-nolock.s -a bx=1 -t 2 -M 2000 -R bx -c -i 1
```

2000	bx	Thread 0	Thread 1
0	1		
0	1	1000 mov 2000, %ax	
0	1	----- Interrupt -----	----- Interrupt -----
0	1		1000 mov 2000, %ax
0	1	----- Interrupt -----	----- Interrupt -----
0	1	1001 add \$1, %ax	
0	1	----- Interrupt -----	----- Interrupt -----
0	1		1001 add \$1, %ax
0	1	----- Interrupt -----	----- Interrupt -----
1	1	1002 mov %ax, 2000	
1	1	----- Interrupt -----	----- Interrupt -----
1	1		1002 mov %ax, 2000
1	1	----- Interrupt -----	----- Interrupt -----
1	0	1003 sub \$1, %bx	
1	1	----- Interrupt -----	----- Interrupt -----
1	0		1003 sub \$1, %bx
1	0	----- Interrupt -----	----- Interrupt -----
1	0	1004 test \$0, %bx	
1	0	----- Interrupt -----	----- Interrupt -----
1	0		1004 test \$0, %bx
1	0	----- Interrupt -----	----- Interrupt -----
1	0	1005 jgt .top	
1	0	----- Interrupt -----	----- Interrupt -----
1	0		1005 jgt .top
1	0	----- Interrupt -----	----- Interrupt -----
1	0	1006 halt	
1	0	----- Halt;Switch -----	----- Halt;Switch -----
1	0	----- Interrupt -----	----- Interrupt -----
1	0		1006 halt