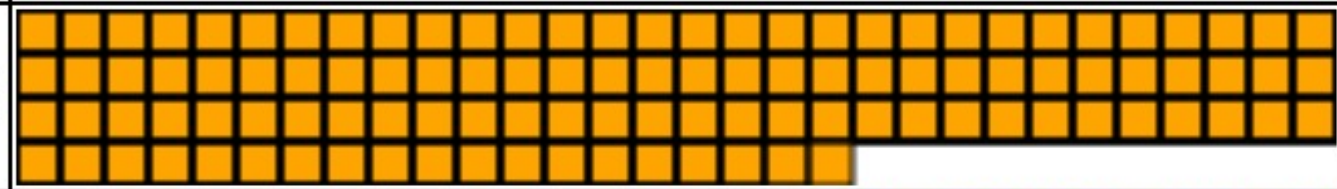
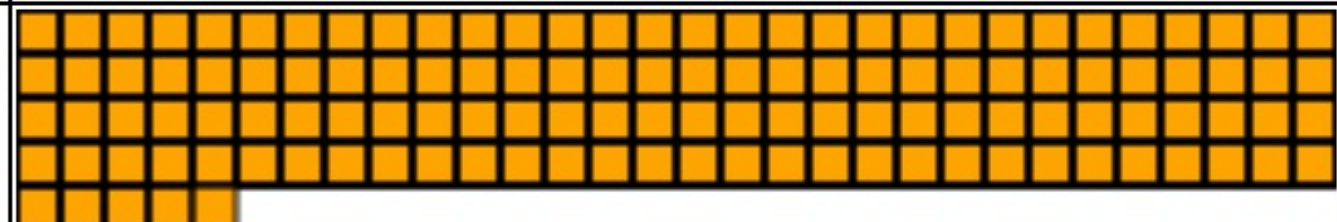
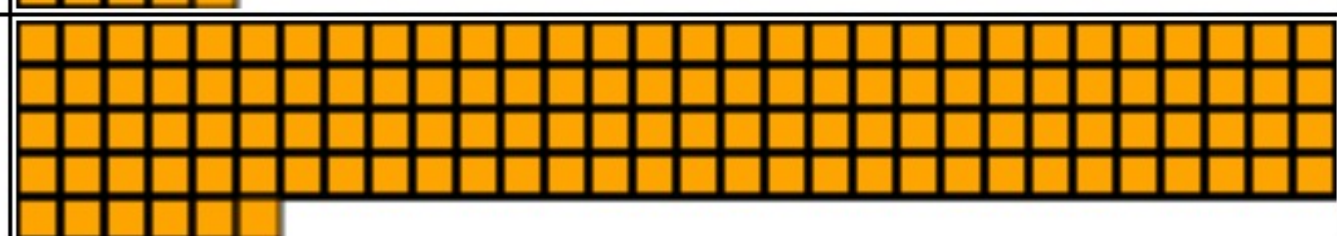
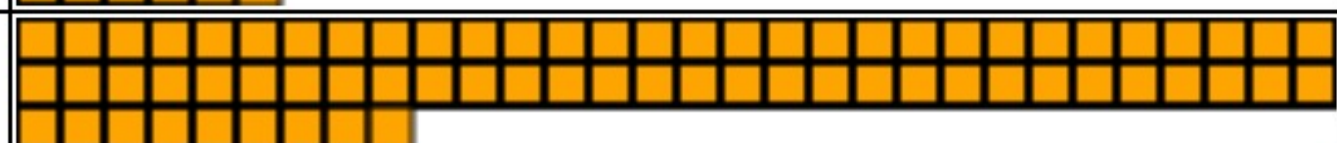



Issue: Safety violation

Issue: Safety violation				Shared Variables												
Turn	Thread	Instructions Executed	PC	alloc						getcount	gotten	putcount	testq			
				.next	pool								.lock	.next	.value	
					0			1								
					.lock	.next	.value	.lock	.next							.value
1	T0: __init__()		1081	0							0	{ }	0	False	None	None
2	T1: putter(0)		968	1	False	None	0				0	{ }	0	False	?alloc.pool[0]	None
3	T2: putter(1)		502	2	False	None	0	False	None	1	0	{ }	0	False	?alloc.pool[0]	None
4	T4: getter()		554	2				False	None	1	0	{ }	0	True	None	None
5	T2: putter(1)		504	2				False	None	1	0	{ }	0	True	None	None

modules/synch.hny:6 result = !lk

		Threads			
		ID	Status	Stack Trace	Stack Top
500	Jump 781	T0	terminated	__init__()	
501	Frame tas lk	T1	runnable	putter(0) this: (), v: 0	
502	AtomicInc	T2	failed atomic	putter(1)	v: 1
503	LoadVar lk			put(?testq, 1)	node: ?alloc.pool[1], q: ?alloc.pool[0], v: 1
504	Load			acquire(?alloc.pool[0].lock)	binsema: ?alloc.pool[0].lock
505	StoreVar result			tas(?alloc.pool[0].lock)	lk: ?alloc.pool[0].lock, this: ()
506	LoadVar lk			Load: unknown address ?alloc.pool[0].lock	
507	Push True	T3	runnable	putter(2)	
508	Store	T4	runnable	getter()	
				get(?testq)	q: ?testq, result: 0
				release(?testq.lock)	binsema: ?testq.lock, this: ()
		T5	runnable	getter()	
		T6	runnable	getter()	
		T7	runnable	main()	