Variable	Value
mist.counter	0
mist.max	3
mist.mutex	0
mist.cond_var	0

stdout:

0 before mist()

1 before mist()

2 before mist()

2 after mist()

1 after mist()

0 after mist()

Thread 0		Thread 1		Thread 2	
50	printf				
51	sleep(0)	50	printf		
22	mistery()	51	sleep(1)	50	printf
31	wait(mutex)		---zzz---	51	sleep(2)
32	++counter	52	mistery()		---zzz---
33	if (1<3)	31	wait(mutex)		---zzz---
36	wait(cond)		---zzz---	52	mistery()
	---zzz---	32	++counter	31	wait(mutex)
	---zzz---	33	if (2<3)		---zzz---
	---zzz---	36	wait(cond)		---zzz---
	---zzz---		---zzz---	32	++counter
	---zzz---		---zzz---	33	if (3<3)
	---zzz---		---zzz---	40	counter = 0
	---zzz---		---zzz---	41	broadcast(cond)
36	wait(mutex)	36	wait(mutex)	43	unlock(mutex)
	---zzz---	43	unlock(mutex)	53	printf
43	unlock(mutex)	53	printf	54	return NULL
53	printf	54	return NULL		---ul---
54	return NULL		---ul---		
	---ul---				