

1	<i>#define CHAIRS 5</i>	1	void customer(void)
2	semaphore customers = 0;	2	{
3	semaphore bber = ???;	3	wait(&mutex);
4	semaphore mutex = 1;	4	if (waiting == CHAIRS){
5	int waiting = 0;	5	signal(&mutex);
6		6	goHome();
7	void barber(void)	7	} else {
8	{	8	waiting++;
9	while (TRUE) {	9	signal(&customers);
10	wait(&customers);	10	signal(&mutex);
11	cutHair();	11	wait(&bber);
12	}	12	getHairCut();
13	}	13	wait(&mutex);
		14	waiting--;
		15	signal(&mutex);
		16	signal(&bber);
		17	}
		18	}