

MONITOR SushiBarMonitor

Private Boolean fullGroup = false;

Private int nfs = 5;

private int nextCustomer = 1;

private int nowServing = 1;

Condition noGroup;

Void enter()

int currentCustomer = nextCustomer;

nextCustomer++;

while (nfs==0 || fullGroup oup || currentCustomer != nowServing)

if(!fullGroup && nfs == 0)

fullGroup = true;

} else if (fullGroup) {

//print

}

if (!fullGroup)

signalC (noGroup)

waitC (noGroup)

nfs--;

Void exit()

nfs++;

if(nfs==5)

fullGroup = false;

signalC (noGroup)