

## MONITOR SushiBarMonitor

Constant int MAX\_CAPACITY = 5;

Private Boolean fullGroup = false;

Private int numCustomers;

Private int nfs;

Condition noGroup;

Void enter()

while(numCustomers == MAX\_CAPACITY || fullGroup)

if(nfs == 0)

noGroup = true;

**waitC**(noGroup)

numCustomers++;

nfs--;

Void exit()

numCustomers--;

nfs++;

if(nfs == 5)

**signalC**(noGroup)