

MONITOR SuchiBarMonitor_3

Private Boolean fullGroup = false;

Private int nfs = 5;

Private int nextCustomer;

Private int nowServing;

Private int vipsWaiting;

Condition noGroup;

Condition vipsWaiting;

Void enter()

while (nfs==0 || fullGroup)

if(!fullGroup)

fullGroup = true;

waitC(noGroup)

nfs--;

Void exit()

nfs++;

if(nfs==5)

fullGroup = true;

signalC(noGroup)

Void enterVip()

vipsWaiting++;

while(nfs==0)

waitC(noGroup)

vipsWaiting--;

nfs--;

Void exitVip()

nfs++;

signalC(vipWait);

```
if(vipsWaiting==0)
```

```
if(nfs==5)
```

```
signal(noGroup)
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