

```
mutualexclusion K[k]='1'...,N[k]={0};
```

```
productor()  
{  
  P(K[i]);  
  put resource to i;  
  N[i]=n;  
}
```

```
customer()  
{  
  P(N[i]);  
  read i;  
  if N[i]=0 then V(K[i]);  
}
```