

monitorImpresion

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```
monitor impresora
car
i, nImpresoras:integer
libre:array[0..3] of boolean
impresora:condition
procedure takeprint(var n:integer)
begin
if nImpresoras == 0 then wait
n:=0
while(!Libre[n]) do n:=n+1
libre[n]:=false
impresoras-
end
procedure dropprint(var n:integer)
begin
libre[n]:=true
impresoras++
send(impresoras)
end
begin(*inicialization*)
for i:=1 to 3 do
libre[i]:=true
impresoras:=3
end
```