

- There is always space between packets
- When we receive the signal at S, is 1, we start to check if the packet is lower or shorter
- At first, after the signal S, is 1, the conveyor belt continue to roll until we receive the signal S, is 1. We have 2 cases at the time that signal S, change 0 to 1:
 - . Case $1 : S_1 = 0$, $S_2 = 1$

We set output "shorter", and let them on shorter conveyor"

. Case $2 : S_1 = 1$, $S_2 = 1$

We set output "loyer", and let them on "loyer conveyor"

- After setting output, we wait until Se sets O. It's ouvious that Se sets O, because the packet rolled out
- Thank to distance between two packets d > L, we can repeat this process continuously without any error to sort packet

