

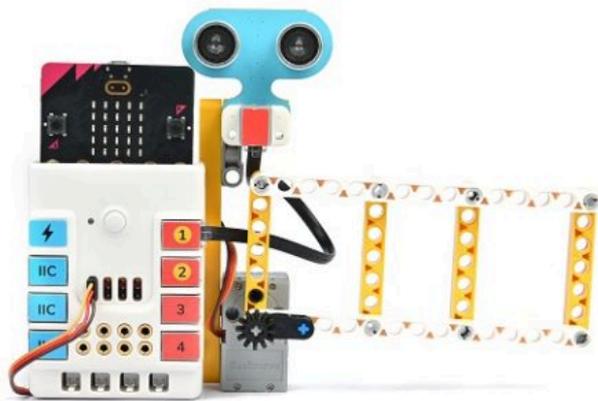


JULIO 1, 2024 POR MICROLOG

PUERTA AUTOMÁTICA

OBJETIVO:

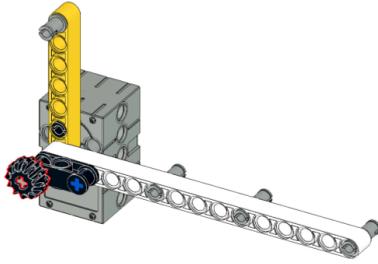
Construir una puerta que se abre al acercarse un coche.

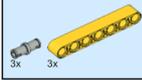


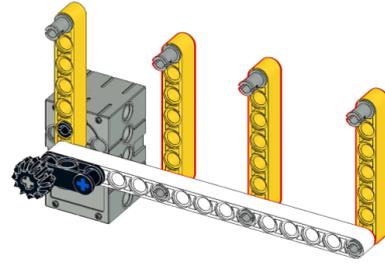
LISTA DE MATERIALES:

- Módulo de conexiones Nezha
- Placa Micro:bit

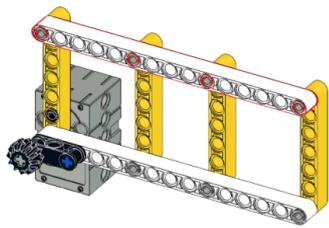
5  1x



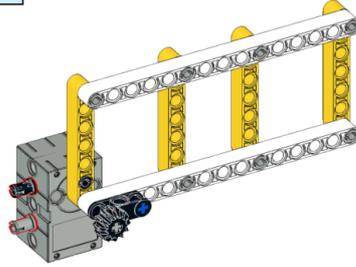
6  3x 3x



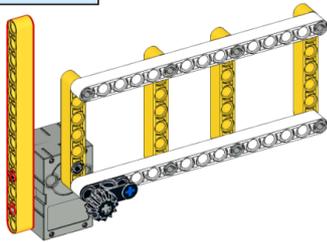
7  1x



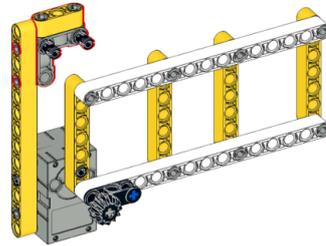
8  1x 1x

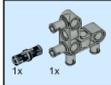


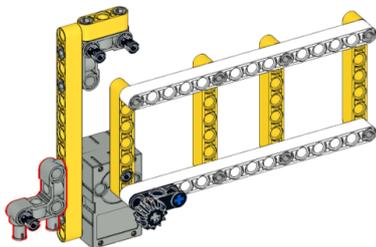
9  1x

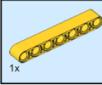


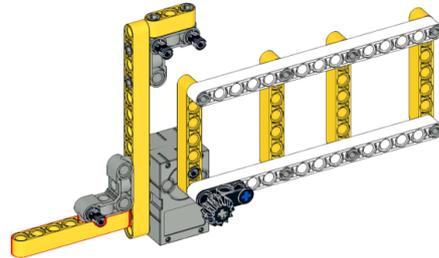
10  2x 1x 1x

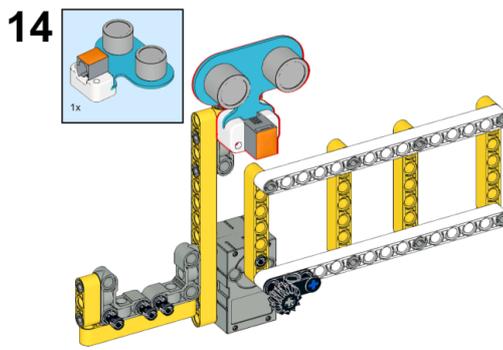
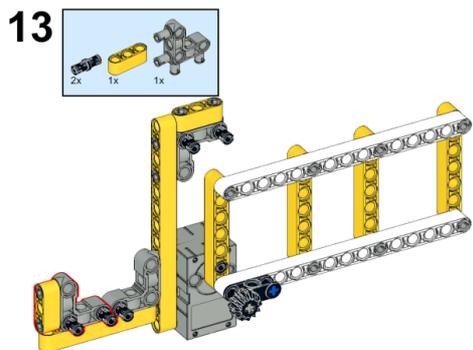


11  1x 1x

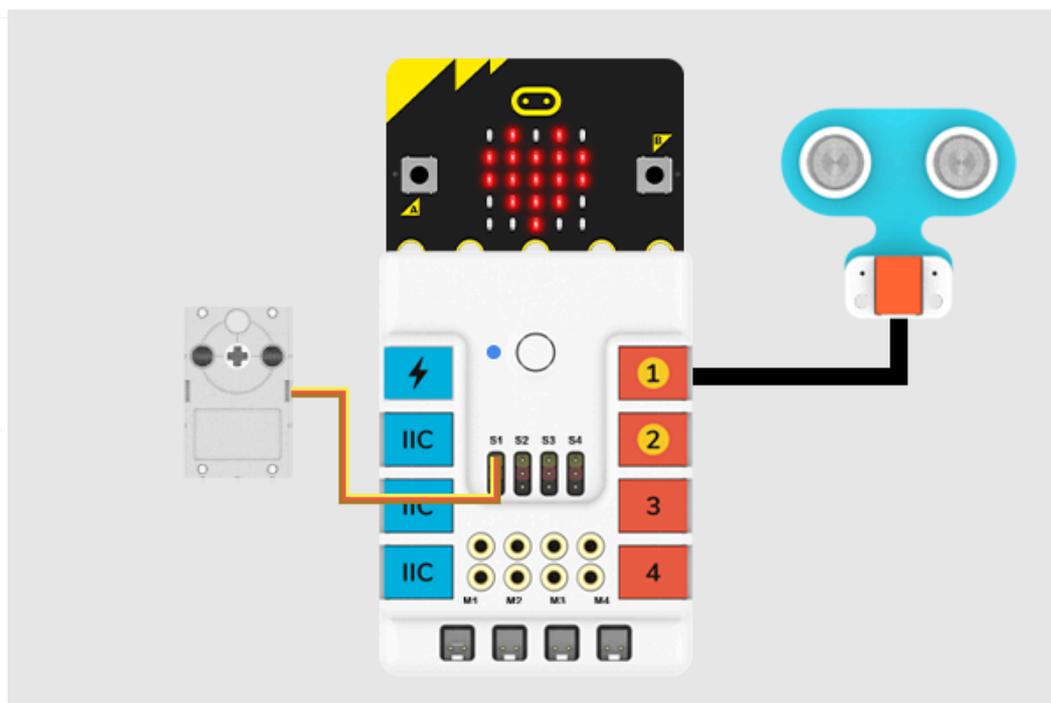


12  1x





CIRCUITO DE CONEXIONES



PROGRAMACIÓN:

```
forever loop
  if Ultrasonic sensor J1 distance cm > 2 and Ultrasonic sensor J1 distance cm < 20 then
    show icon robot
    Set 360° servo S1 angle to 120°
    pause (ms) 5000
  else
    show icon robot
    Set 360° servo S1 angle to 180°
```

NEZHA V 2