



TIN KERN CAD Dazzling Wluff-Robo

All changes saved

Code Start Simulation Send To

1 (Arduino Uno R3)

Blocks

- Output
- Control
- Input
- Math
- Notation
- Variables

set built-in LED to HIGH

set pin 0 to HIGH

set pin 3 to 0

rotate servo on pin 0 to 0 degree

play speaker on pin 0 with tone 60

turn off speaker on pin 0

print to serial monitor hello world with

set RGB LED in pins 3 6 5

Serial Monitor

set pin 13 to HIGH

wait 1 secs

else

set pin 13 to LOW

wait 1 secs

if read analog pin A0 > 200 then

set pin 9 to HIGH

wait 1 secs

else

set pin 9 to LOW

wait 1 secs

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Serial Monitor

set dist to read ultrasonic distance sensor on trigger pin 7 echo pin same as trigger in units cm

if dist > 100 then

rotate servo on pin 6 to 90 degrees

wait 1 secs

else

rotate servo on pin 6 to 0 degrees

wait 1 secs

if read digital pin 2 == 1 then

set pin 13 to HIGH

wait 1 secs

else

set pin 13 to LOW

wait 1 secs