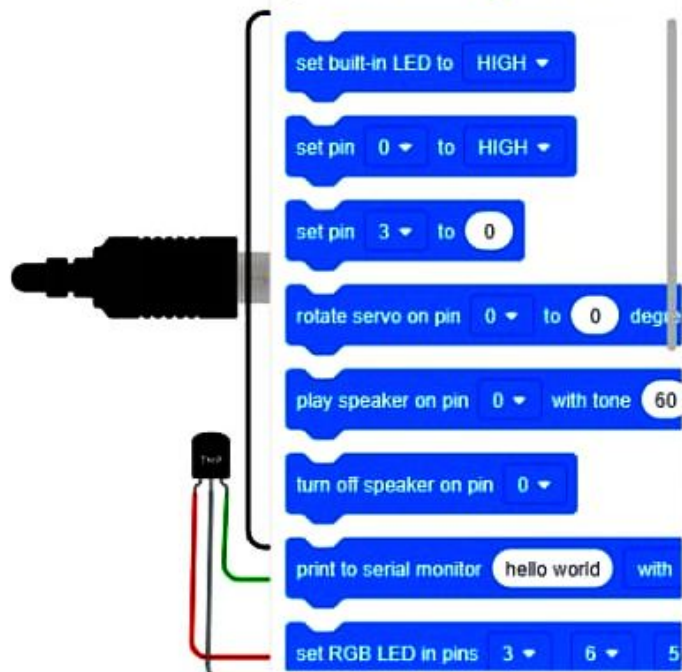


Blocks



1 (Arduino Uno R3)

- Output
- Input
- Notation
- Control
- Math
- 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

```





Dazzling Wluff-Robo

All changes saved



Code

Start Simulation

Send To



Blocks



1 (Arduino Uno R3)

- Output
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set built-in LED to HIGH

set pin 0 to HIGH

set pin 3 to 0

rotate servo on pin 0 to 0 degrees

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 5 5

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
```

