

Holts's Drill

Robot captain holt needs a way to measure the distance between himself and the nearest detective to him with the goal of making them run a drill.

Measure the distance between him and the other detective, then use different colored LEDs to signify how near he is.

1. If the distance is $< 50\text{cm}$, a green LED to glow.
2. If the distance is $< 30\text{cm}$, a yellow LED to glow.
3. If the distance is $< 15\text{cm}$, a red LED to glow.

Use TinkerCAD for simulating the same.

For your submission, share the link to the TinkerCAD circuit design.