

BARCODE SCANNER

Price Checking Challenge EV3

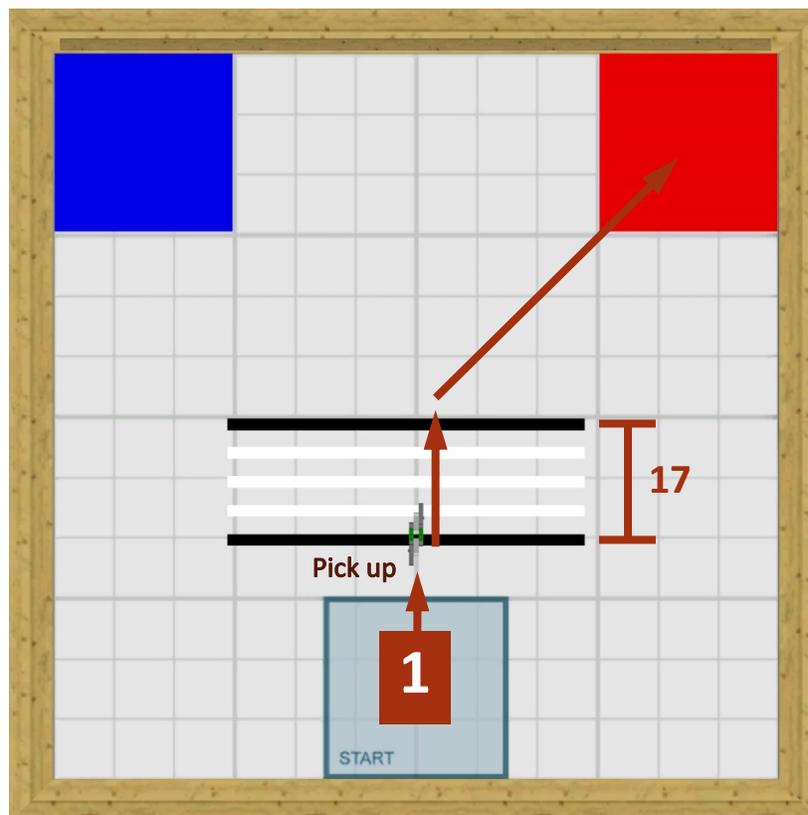
Challenge Description

For this challenge, the robot begins by picking up a cube that is directly in front of it. Next, the robot moves across the challenge board and scans the barcode. If the value of the barcode is greater than 13, the robot should move the cube to the red side of the challenge table. Red represents that the object is not on sale. If the value of the barcode is less than or equal to 13, the robot should move the cube to the blue side of the table. Blue represents that the object is on sale.

Materials Needed

- Cubes
- Marker to represent the different sides of the table
- Black electrical tape
- Ruler (or straight edge)
- Scissors (or cutting tool)

Board Specifications



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Robot must begin here