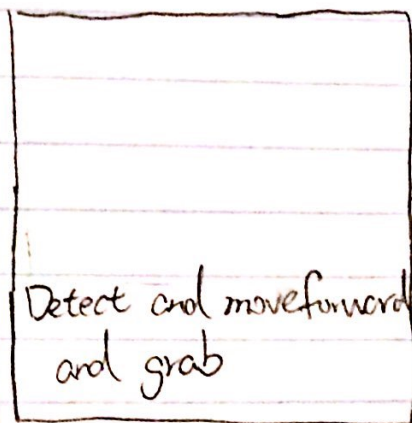


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state: start



rotate until detect the object

Our three states correlate to the three switch statements in our program: Start, move, and Drop.

The start state has the robot spin until it detects an object. This is the first repeating loop. Once it detects something it finishes its start program by doing up and grabbing it.

The next state is the move state where the robot turns around and looks for a line to follow and follows the line. This state ends once the robot detects the start line. This triggers the last state of the robot where it opens its claws and waits.

