

[steminbox.com.au](http://steminbox.com.au)

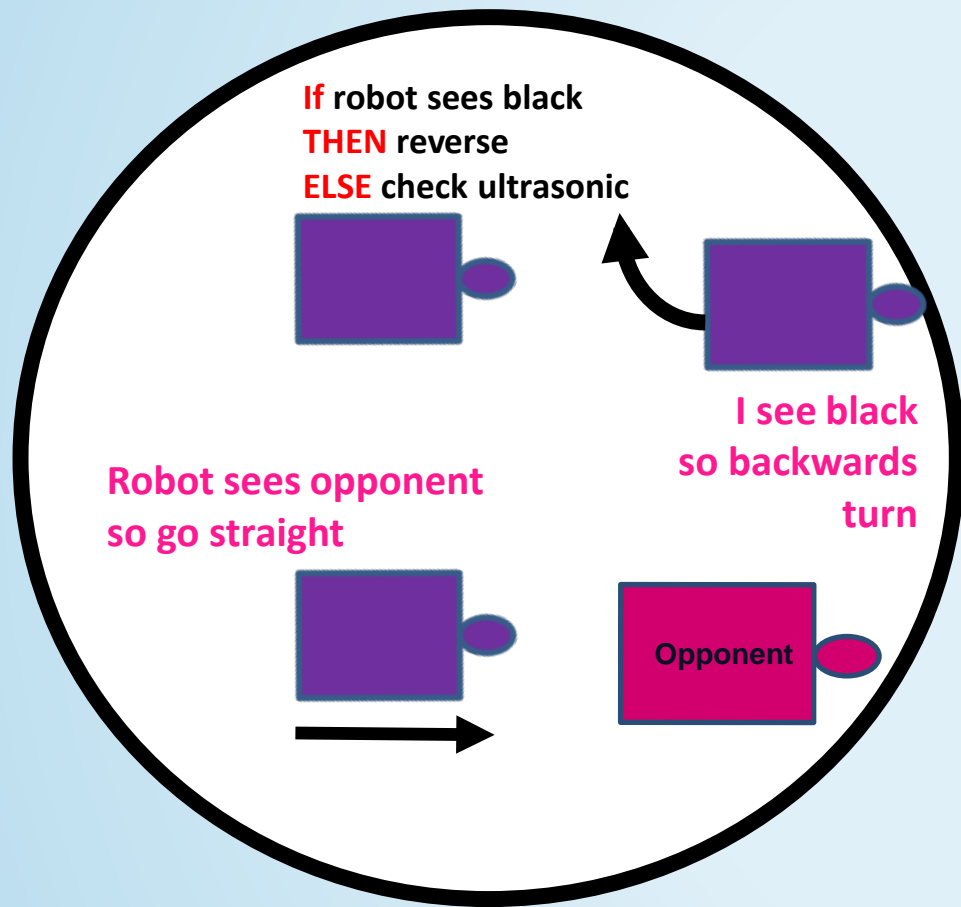
# SUMO

## Stay in Ring + Scan and Charge Algorithm

1 Colour / Light Sensor and 1 Ultrasonic



# SUMO: Stay in Ring + Scan and Charge Opponent



**If** robot sees black

**THEN** reverse

**ELSE** check ultrasonic

**If** robot detects opponent

**THEN** charge

**ELSE** scan



# SUMO: Stay in Ring + Scan and Charge Opponent

