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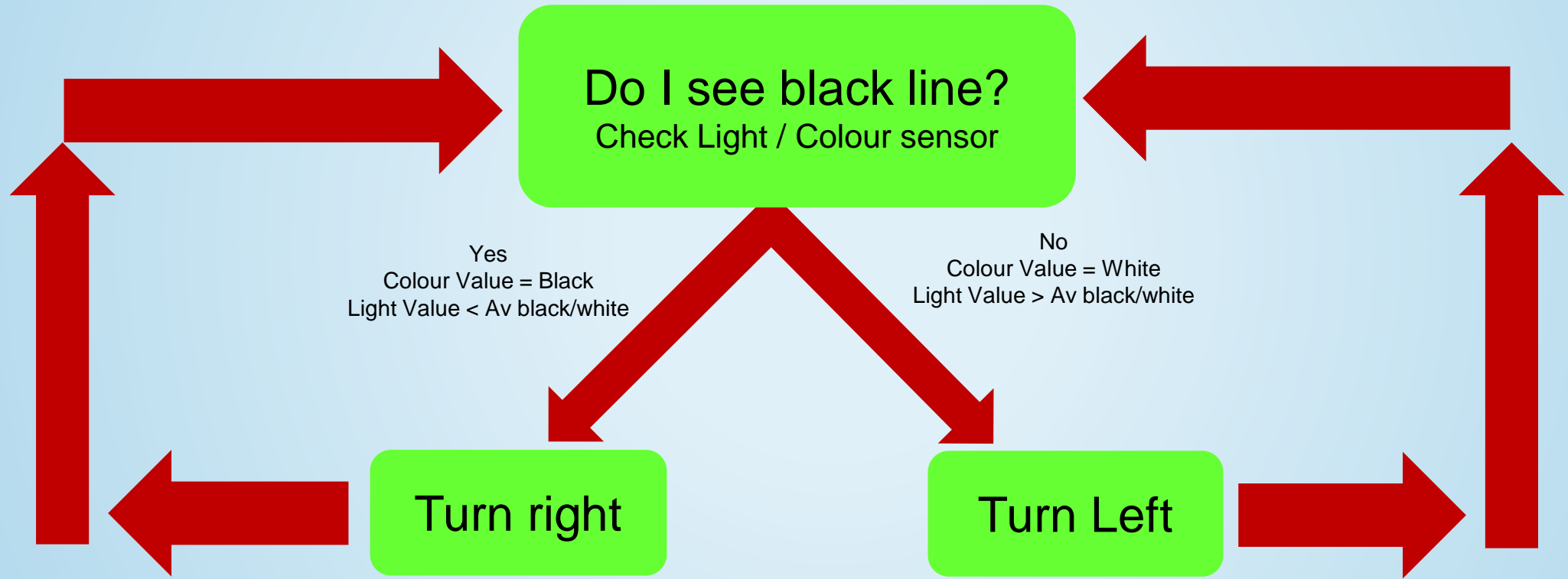
Rescue: Line Follow Algorithm

1 Light / Colour Sensor



Rescue: Line Follow Algorithm

Bang Bang - Turn Away from Black

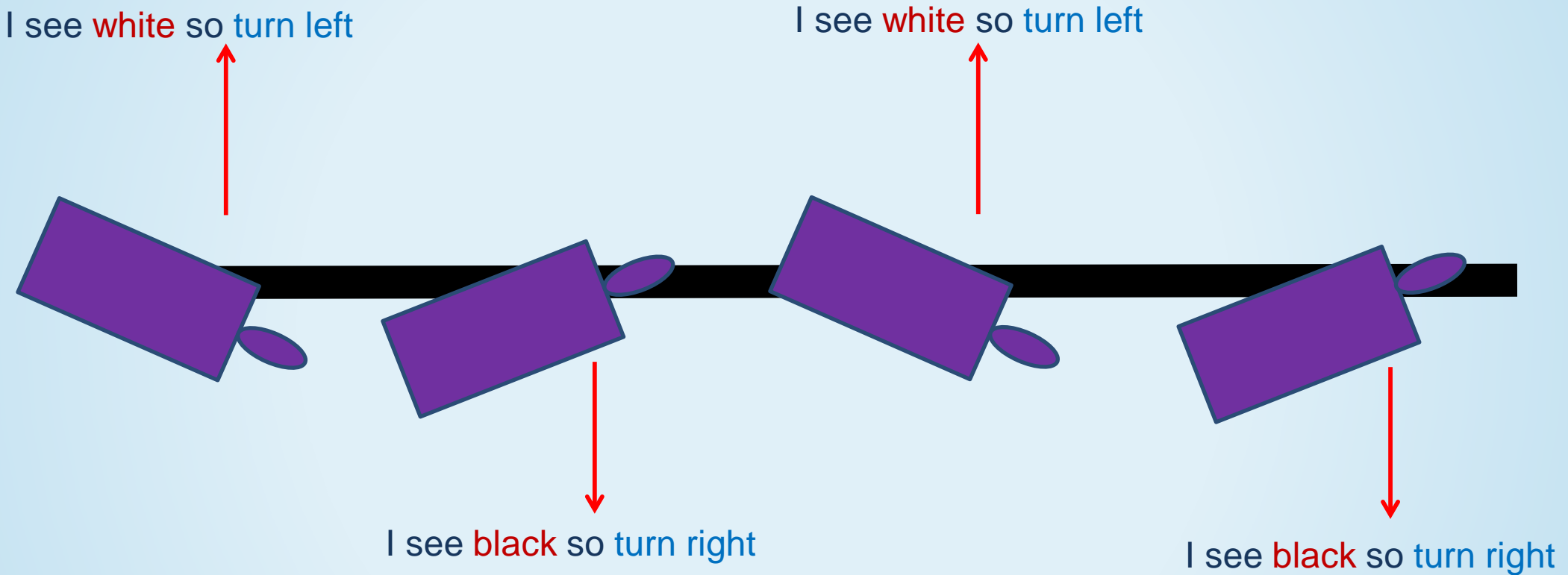


Note: This algorithm will follow the outside edge of the black line anticlockwise or the inside of a black line clockwise- modify the algorithm and code to suit your needs.



Rescue: Line Follow Algorithm

Simple “BANG-BANG” Line Follower utilising “Turn Away from Black”



The “BANG-BANG” Line Follower utilising “Turn Away from Black”

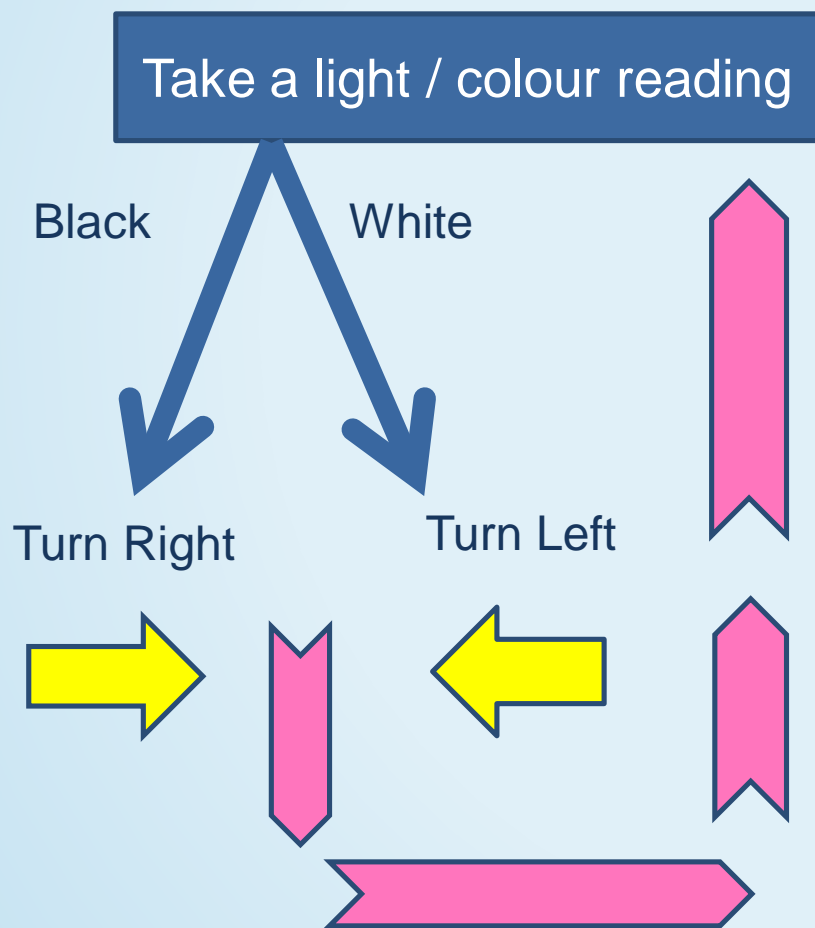
Follow the right hand side edge of the black line - If I see white then turn left – If I see black then turn right

Note: This is called “BANG-BANG” because it “bangs” between turning left and right- simple.



Line Follow Algorithm - Single Light / Colour Sensor

Simple “BANG-BANG” Line Follower utilising “Turn Away from Black”



If robot sees black
THEN turn right
ELSE turn left