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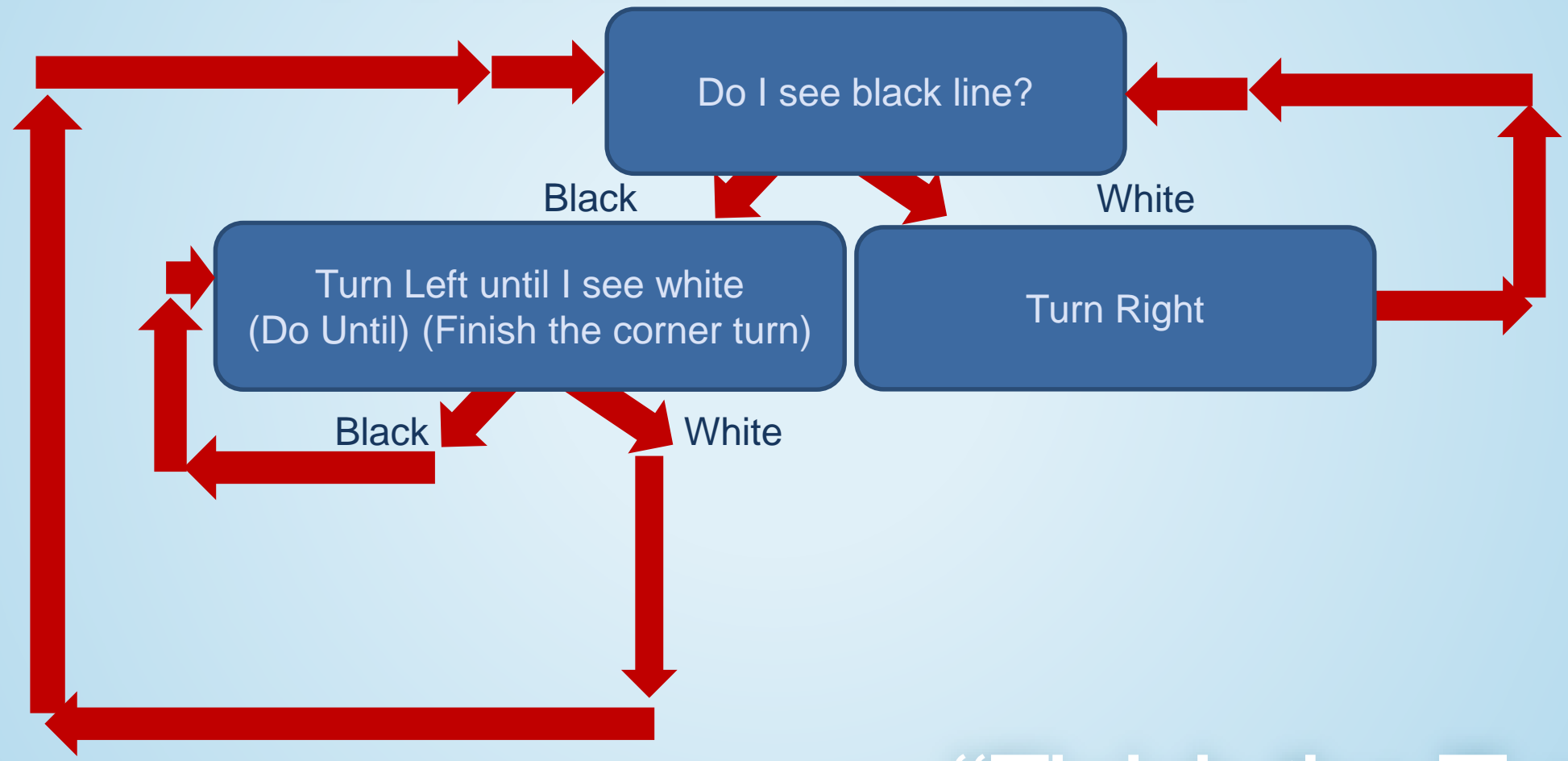
Line Follow Algorithm

'Finish the Turn' - Line Follow with One Colour/Light Sensor



Line Follow Algorithm

One Sensor – Finish the Turns



“Finish the Turns”

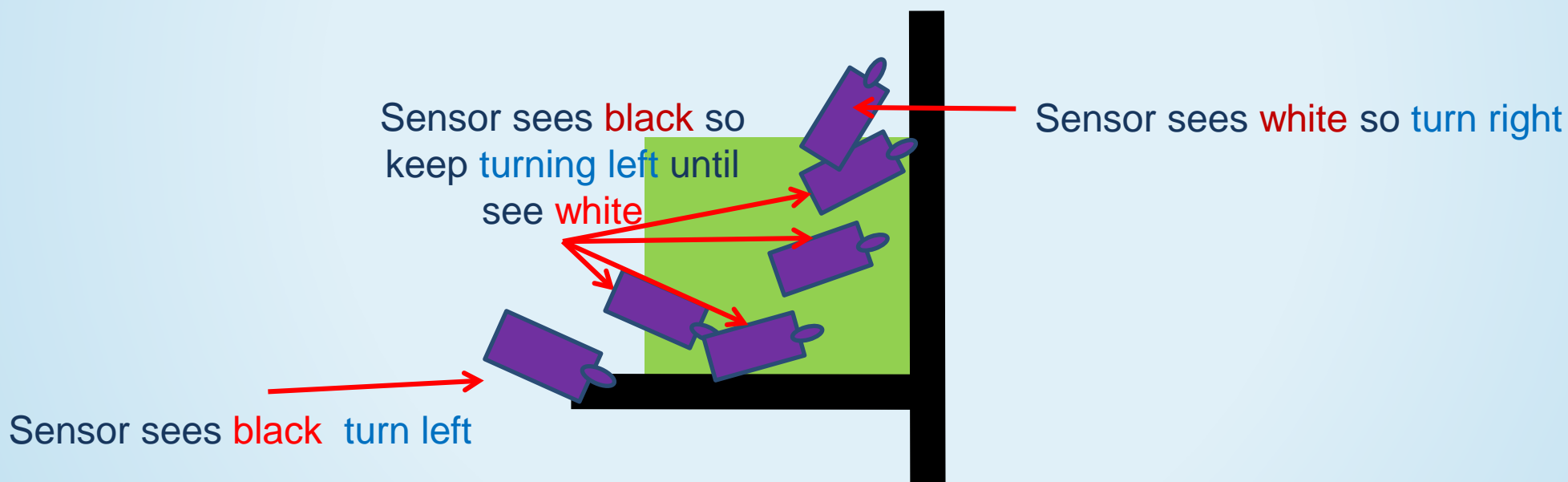


Line Follow Algorithm

One Sensor – “Finish the Turn”

Do Until Loop

Simple “Finish Turn” Line Follower utilising “Turn Away from Black” in a “Do Until” Loop



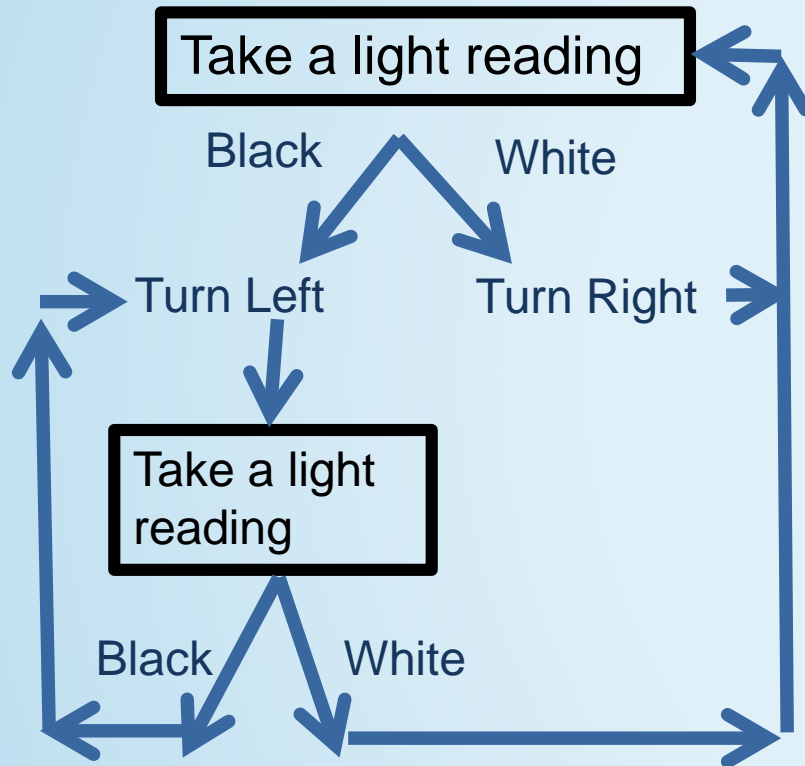
Check light/colour sensor – if I see black then turn left and “Do Until” I see white – “Else” turn right if I see white.
- Algorithm will only follow the LHS of the line – to follow the RHS of line, swap left and right turns



Line Follow Algorithm

One Sensor – “Finish the Turn”

Do Until Loop



Simple “Finish Turn” Line Follower utilising “Turn Away from Black” in a “Do Until” Loop

IF sensor sees black
THEN: DO turn left **UNTIL** I see white
ELSE turn right

“Do Until” in Scratch and Lego is a “Conditionally Forever Loop”