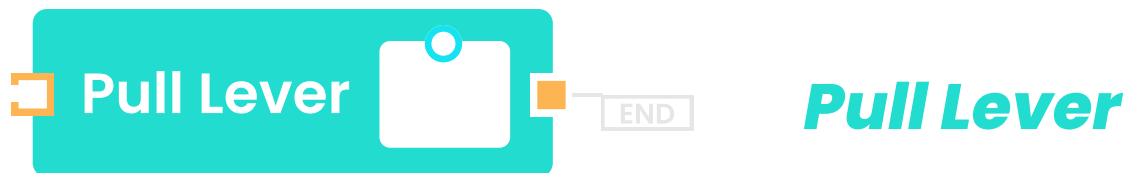Our robot has access to three colour sensors: green, yellow and brown. These sensors will return the Boolean value TRUE if their assigned colour is detected and FALSE otherwise.

Get Banana Green

Get Banana Yellow

Get Banana Brown

We can use the information that we receive from the robot's colour sensors to determine the correct action to perform for each new banana.

Pull Lever END

Pull Lever

Instructs the robot to pull the lever in front of it, changing the direction of the roller conveyor.

Unlike previous action blocks, this one includes a boolean input. If the input is TRUE, the robot pulls the lever. When the input is FALSE, the robot will do nothing.

This means that you can have the robot only pull the lever when a calculation determined by you returns a value of TRUE.