Line follower ( white line follow)

Match start

If no yellow detected

Team color detection ( red or blue)

Yellow detection ( zone 3)

Team color update and store

End of team color detection code

If yes

Stop motors after 10 sec

Stop gripper and linear conveyor on ( limit switch on )

Pick the ball ( open and close the gripper)

Stop the motor at x distance = 200 mm

Move forward towards the ball

Check for smallest x distance ball

Rotate and team color ball detection