**Suggestions for Code**

**Hackbots:**

1) Watchdog:

a) You have inputting into parameters as well as inside the class: "Department of Redundancy Department"

b) Just have inside the "Hackbot Watchdog Class"

2) Look at added comments of "Hackbot Station"

3) Autonomous:

a) Look at "AutonomousSuggested"

4) Disabled:

a) Add: "disable()" method to hackbotWatch

b) Move things to "disabledInit"

**Drive Train:**

1) Look at comments

2) WAY TO COMPLICATED THAN WHAT WE NEED:

You say in ***SEVEN*** classes what can be said in ***TWO***

I spent *45 MINUTES* trying to read the drive train files

Goal of Programming: Do as much as possible with the least lines of code

Look at "DriveTrainThreadSuggestedA" and "DriveTrainThreadSuggestedB"

3) Functions of Drive Train as seen by me:

a) Set Speed

b) Get Speed

c) Stop

d) Gear Shifter (manual/ auto)

**Hackbot Station:**

1) Figure out which values you would want to output to Dashboard

2) See Added Comment Sections

**SpinnySticks:**

1) I'd just say "spinnyMotor.set(x)" and spinnySolenoid.set(y)"

**Catapult:**

1) Look at "CatapultSuggestedA" and "CatapultSuggestedB"

**Classes:** Main Dashboard Drive Train Shooter Spinny Sticks Unused

* Constrain
* ControlSpinSticks
* DashboardOutput
* DriveControl
* DriveMotor
* DriveTrain
* FakePIDLoop
* HackbotStation
* HackbotWatchdog
* Hackbots
* Motor
* OffloadProcesses
* Pneumatics
* Presets
* RobotCamera
* Shooter
* ShooterControl
* SimpleMotor
* SpinnySticks
* TwinMotor
* VisionProcessingSample

Interfaces

* Analog
* ControlMap
* DIOs
* DeviceMap
* IsAThread
* Joysticks
* PID
* Relays
* Solenoids
* Talons
* ThreadsAndClasses
* Values