2016 Robot – Java Objectives

1. Create a project using the IterativeRobot class (non-command driven)
2. Create classes for all subsystems of the robot
3. Initialize all motors and sensors in these classes
4. Create methods for all functions of the robot
5. Use switch statements to control system states
6. Figure out how to control sequencing without using loops
7. Incorporate PID into everything applicable
8. Incorporate Vision software using the Raspberry Pi 3 and a USB Camera
9. Create a 2-ball autonomous mode command structure
10. Split all classes into separate files for better organization