**Finch Robot in Java**

* The Finch Robot is a very good starting robot. It has very simple instructions and is easy to understand.
* Code to make it move is very simple and the instructions are easy to follow at Finch’s website. Before the program can be created, a file needs to be downloaded from the Finch website. Follow the link and download the file that corresponds with the programming environment and the software you are using: http://www.finchrobot.com/downloads
* Once the Finch file is downloaded, you need to go into the file and retrieve the Finch jar. Move the jar to your eclipse workspace.
* This link will take you to the instructions for the Finch setup: http://www.finchrobot.com/Creating,%20Compiling,%20and%20Running%20Programs%20for%20Finch/eclipse-java



* Go to file, then new, then Java project. Then name the project and then add the finch jar that you saved in your eclipse workspace.
* Then there will be many sample classes that you can use in different packages.
* Using the default class, you can write your own code to control the finch. Code for the square finch is here:

 myFinch.setWheelVelocities(200, 200, 3000);

 myFinch.setWheelVelocities(255, 0, 500);

 myFinch.setLED(200, 255, 100);

 myFinch.setWheelVelocities(200, 200, 3000);

 myFinch.setWheelVelocities(255, 0, 500);

 myFinch.setLED(255, 100, 100);

 myFinch.setWheelVelocities(200, 200, 3000);

 myFinch.setWheelVelocities(255, 0, 500);

 myFinch.setLED(10, 200, 255);

 myFinch.setWheelVelocities(200, 200, 3000);

 myFinch.setWheelVelocities(255, 0, 500);

 myFinch.setLED(255, 0, 200, 5000);

* There are many other classes that are available but you can just have fun and explore the possibilities with you Finch. Enjoy.