Name:

Block:

Day 3 Assignment

**Instructions**:

For this assignment, you are asked to code one or more feature methods and implement them into the machine learning design, in the ‘runDetector’ method. Run the training image data to first train your program, then when you are ready, tell your teacher that you are ready to run the test image data, which they will give to you. Run the test images, see how many your program got right, then write your result on the board. Finally, answer the following questions and submit your responses and your code to your teacher.

**Questions**:

1. What feature did you write and implement?
2. How did it work?
3. How well did it work? Did it improve the program?
4. Out of the 30 test data images, how many did the program get correct?
5. What features did your program use and what were the programs final weights after all the training and test data images?