

## Programming Assignment #4

 Published

This assignment is to create a function to implement the perceptron algorithm (p. 172) and demonstrate that the algorithm can adapt weights of a perceptron to converge and implement the logical AND operation. That is, you should be able to reproduce Table 6.3 \*if\* you use the same initial values for weights, threshold, and learning rate. Your function/program should also allow you to experiment with different initial values, ultimately assigning these values randomly.

**Points** 100

**Submitting** a file upload

Due	For	Available from	Until
Apr 14, 2015 at 8am	Everyone	-	-

