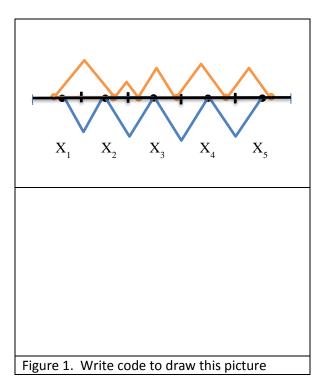# HW 4

Simplification of visual representation of classes in in-line coordinates (ILC)
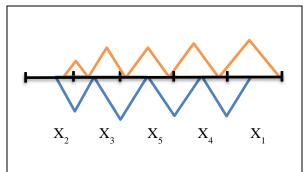Part 1

Figure 1. Write code to draw this picture

Figure 2. Write code to draw this picture that is reordered coordinates from Figure 1 in increasing distance between value (length/ height of triangles). Be able by pressing letter R to make this reorder from figure 1.

2. Generalize figures 1 and 2 for 100 10-D points of two classes. Points of class one are drawn above the black line and points of class 2 below it.

3. Conduct computational experiments with at least 3 datasets for 100 n-D points each similar to HW1.