Problem 50

In order to determine which points lie on the Outside of a convex hull, the algorithm must have some way of comparing each point to every ofter point. It needs to know where every point is in relation to every ofter point in order to guarantee finding the extremes. The fastest way to establish a point's relationship with other points is to sort them according to a useful criteria that Hey all share, such as angle, y-value, or distance. Since any sorting method is at least sich least sich least since only it demonstrates that it is impossible to compare every point against each other meaninsfully task than n lag 1. Thus, every convex Hill algorithm must have IZ (1/001) running time.