

### Project 3 Part 3 (full recursive approach $O(n \log n)$ )

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Did you create a class to store a point? yes

Did you use a vector to store the points you generated? yes

Did you sort using the sort method offered by C++? yes

Did you use at least one iterator to traverse the vector you created? yes

Paste here a clear picture of the graph that compares the running times of the “brute force” algorithm and “full recursive” algorithm versus number of points. (use 2 different colors for the 2 graphs):

