To Run:

Run npm install in folder

node genData.js

this generates the data

node bruteForce.js

this is the brute force solution, described in BruteForce.docx

node sorted.js

this is the sorted iterative solution described in sorted

node recursive.js

this is the recursive solution with headings. Headings are described in colliding.docx and the recursive solution is described in recursive.docx