Test Materials:

1. Json File with ships and its current location(GeoJson format)
2. Json File with ships and its static data (info)

Requirements:

1. Create a client web app which will display all the vessels location on a google map
2. Clicking on the vessel(on the map) will open a window with the vessel static data
3. user can edit the ship data and save it
4. add a button on the top left corner, for queries, when clicking on the queries button, a lost of available queries will be shown, with the following options:
   1. find biggest ship (ship with the biggest size property)
   2. find all vessels with coordinate between (28,40) and (30,42)
5. in both queries, change the icon on the map of all the ships which answer the query

other instructions:

1. Only the Service (server side) should read from the files
2. server side should be written in node,js
3. no need to persist the edited vessels anywhere, but the edited ships should be sent to the server.
4. client side should use some framework (ember.js, react.js, angular.js etc.), preferably – angular.js
5. keep in mind, although the number of ships in the file is small, treat it as if there are more than 10,000 vessels, in each list.
6. The focus should be on correct separation of the client and the server and best experience possible to the client.
7. Design of the UI– is up to you
8. Please do not use any Generators or external CSS libraries, we want to check your code, not generated code.

thanks