Aim: Analyse a MongoDB collection for inconsistencies and update the collection as required; add new routes and controllers to an application.

Description:

The **businessDB** database we have been working with for our sample application contains a field *review_count* for each business, as well as an array of *review* objects. However, this information is not always consistent and the *review_count* value does not always match the actual number of reviews. Your task is to identify *review_count* values that need to be changed and to perform the update.

Note:

You should work with the version of the application at the end of **Practical B3** – as this is currently the latest fully-working version of the application. This means that you are using the native MongoDB driver rather than Mongoose.

Part 1 – Create a route to check the *review_count* values for consistency

- Add a new route GET /checkReviews that invokes a new controller
 checkReviews(). The new controller can be located in the
 businesses.controllers.js file.
- b. Implement the new checkReviews() controller so that it loops across all documents in the business collection and generates output in the browser, such as that shown below, that identifies all documents where the number of elements in the reviews collection does not match the review_count value.

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[{"_id":"58ac9e4ca6d33b63460d0			
{"_id":"58ac9e4ca6d33b63460d01			
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Part 2 – Create a route to update the *review_count* value where necessary

- c. Provide a second new route GET /fixReviews that invokes another new controller fixReviews().
- d. Now, implement the fixReviews() controller to correct the data set by updating the review_count value to the "real" number of reviews for every document where you previously reported a discrepancy.

Part 3 – Validate the correct operation of the new controllers

e. Prove the correct operation of your fixReviews() controller by re-running
 checkReviews() and confirming that it now reports an empty list.