Intekglobal
JavaScript
Exercise 3 (Chapter 8~15)
Time Take to finish: 24 hours

NOTE: DO NOT MAKE USE OF TUTORIALS TO BUILD THE APP. IMPLEMENT IT YOURSELF WITH YOUR OWN KNOWLEDGE

The following exercises must be functional in at least 3 different browsers.

1. Create a web app that allows a user to create notes.
   - must be able to create new notes
   - must be able to delete notes
   - must be able to edit notes
   - must be able to view all notes created
   - notes must be persistent (remain even after the browser has been closed and reopened)
   - Allow the use of tabs within the text of the note

   The following information must be kept:
   - date of creation (cannot be modified)
   - date of last edit (must be updated only when information is edited)
   - text data

   Estimated Time: 24 hour.

-

Optional

Display a set of divs with visible borders.
- A user must be able to drag & drop a div to a specially indicated area
- Any div placed in the designated area must be visually edited through control components such as color pickers and sliders. Editable properties should include:
  - border color
  - border thickness
  - background color
  - rounded edges
- The items must be able to be placed back, retaining any modifications made.

   Estimated Time: 16 hour.

Using the JavaScript Ninja book's test functions as a base, make it so that the *assert* function behaves as the following example:

```
// assert used inside and outside test blocks
assert(true, "Outside and before the test blocks");
```

---

test("TestBlock A", function(){
   assert(true, "Inside test block A");
});
assert(true, "Outside and after the test block A");
test("TestBlock B", function(){
   setTimeout(function(){assert(true, "test delayed B");}, 500);
});
assert(true, "Outside and after test block B");

output:
- Outside and before the test blocks
- TestBlock A
  - Inside test block A
- Outside and after the test block A
- TestBlock B
  - test delayed B
- Outside and after test block B

Estimated Time: 24 hour.