Introduction to Programming II Project Log

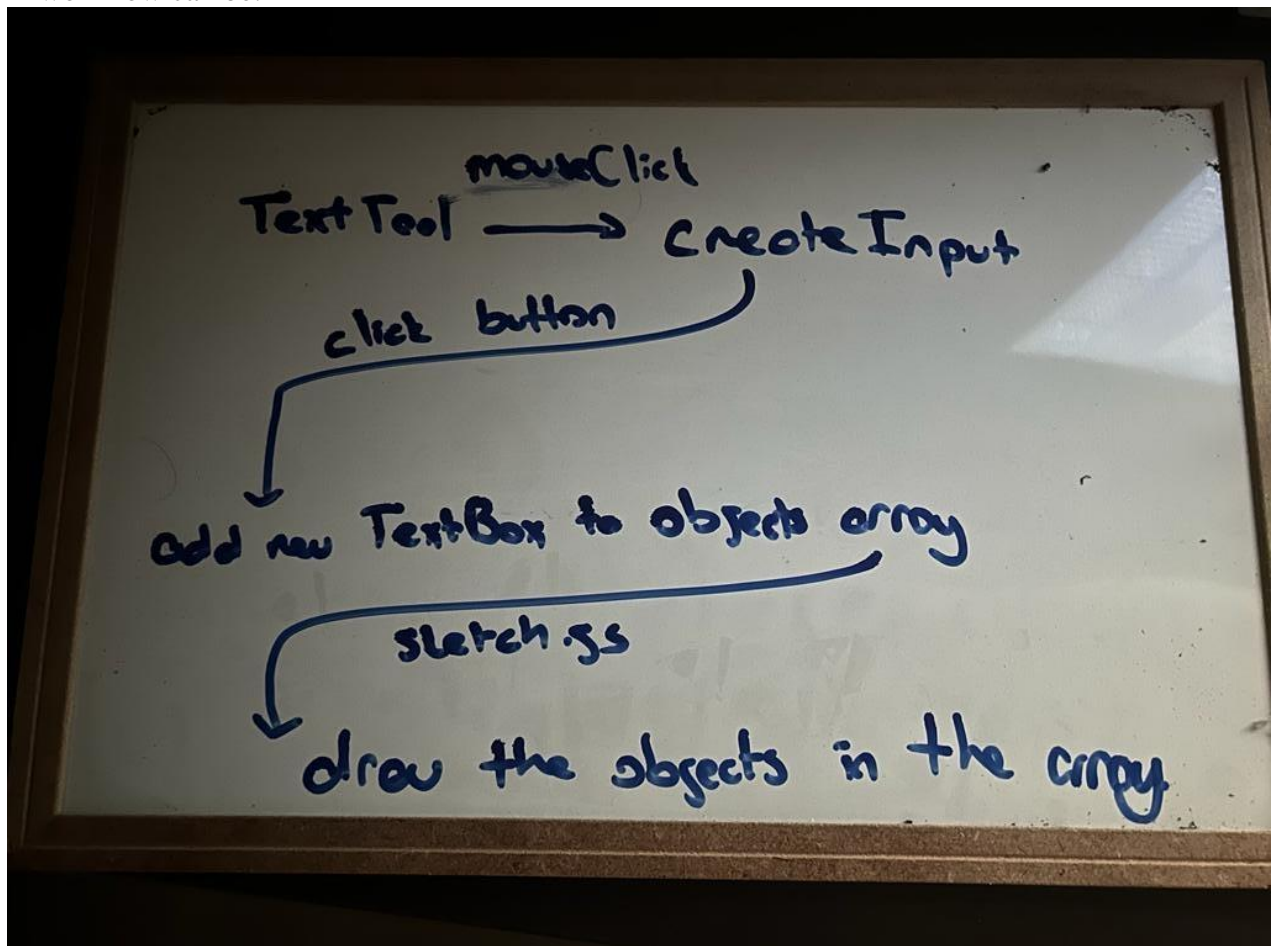| Project title:	DrawJS – Drawing App
Topic:	`Topic 9 Testing for stability`

What progress have you made this topic?

For the Text Tool I implemented functionalities for:
- Icon and name to fit with the toolbox
- Open up an input field when the user clicks
- When the user clicks on the finish writing button, a new TextBox object to get created
- Draw and erase methods inside the textbox
- A method to the toolbox, to add objects in to an array in the toolbox called addObject
- In sketch.js file, this array gets drawn if the object's text value is not empty.

A workflow can be:

For Brush Opacity:
- I implemented a currentAlpha global variable to keep track of the variable between different tools
- I added a brush opacity slider
- I added the brush opacity html code to my helper functions.

- I added the currentAlpha code to my mapColortoRGB function so that alpha values can be read to different colors.

What problems have you faced and were you able to solve them?

- I figured out that I needed to add my alpha colors too late which made me lose time.
- I had a problem with the text tool adding new texts to each position on each new textbox creation. I found out that I was creating the variable for the input too early in the constructor.
- I had a problem with each text getting super cloudy with strokes. I added a noStrokes() function to the end of my draw method in the textboxs.
- All the colors were changed when one of the textboxes were created with a different color. I realized I was passing a variable to create a textbox, rather than a constant color RGB value. I fixed the issue by temporarily storing my value and then passing that to my text box object.
- I had a problem with my input field getting buggy. I fixed it as to the best of my capability.

What are you planning to do over the next few weeks?

- I plan to solve as much bugs as possible before submitting.

Are you on target to successfully complete your project? If you aren't on target, how will you address the issue?

- Yes, I changed my plans a bit but I have finished the project on time. All I can do now is polish for UX and UI.