**Homework 3**

**10 Pts**

Introduction

This homework is intended for you to work with objects in JS. We may need to use a few HTML elements to simulate user interaction.

Your objective for this assignment is to create an object that would resemble a tweet in structure. This means when a user clicks a button, an object is created that has properties like message, likes, shares, comments, date, etc. Feel free to expand upon this as much as you would like.

Follow the steps below and be sure to push your files to git before the due date. The due date is Thursday February 21st, 2020. Once graded; you will be able to perform a pull to get your grade and see any notes I have left. If you have any questions at all, do not hesitate to let me know.

Requirements (AC)

1. Start with an index.html or twitter.html file for the project, ideally be in a HW3 dir.
2. All JS functionality should be in a tweet.js file included in the HTML file above.
3. The HTML page should have an input text box, and a “Tweet” button.
4. Add an event to the tweet button that should fire a function called tweetBuilder.
5. Define an array variable called tweetCollection.
6. Define the tweetBuilder function.
7. The tweetBuilder function should create an empty object called tweet using {}.
8. The tweet object should have the following properties; **id, message, likes, shares, comments, date,** and **username.**
9. The message property should be populated using the content from the input text box above.
10. Add text input boxes to populate all remaining tweet object properties except for date.
11. Set the date property equal to the current date and time of when the tweet button was clicked.
12. Once complete, add the current tweet object to the tweetCollection array.
13. Add another button to the page called” Dump Tweet Collection”.
14. When the “Dump Tweet Collection” button is clicked, the tweetCollection array should be logged to the console using the console.log method. This should allow you to see all of the current tweets.

**Extra Credit (2pts):** Convert the comment property to an object instead of a text string. The comment object should have the following properties. **id, comment, username, likes,** and **date**.