# **Lab 1 - HTML5, CSS3, JS: Tweet ticker**

**Read Me**

The following approach was used by me to create this tweet ticker

1. I used an AJAX call via jQuery to read the JSON file into a jQuery variable.
2. For each JSON record, the jQuery animate method is invoked in a loop. The animate element will implement the animation to move the element upwards. The distance that the element will be upwards is computed using the height of the element. The callback function within the animate() method is used to ensure that the element that was presently animated is moved to the last of all the elements. The animation function is then recursively called for the next child that comes first.
3. Each tweet and its corresponding profile picture is wrapped inside a <table> element and passed onto the HTML by appending it to a parent tag (#main\_ticker) present in the HTML file.
4. The same logic is used to animate and process the hashtag elements.

Files submitted:

* **Tweet\_ticker.html**: the html file used to execute the twee ticker
* **Tweets\_parse.js**: the JavaScript and jQuery scripts used to process the JSON, implement the animation functions and dynamically create HTML elements that wrap the data and pass it to the above html file.
* **Style.css**: for styling the webpage.