**Week 6 - Assignment**

Let's take what we have learned and implement a simple counter application. The requirements are as follows:

As a user

I want to be able to increment the counter, retrieve its value, and reset it back to 0

So that I can manage a counter

This will involve implementing the following routes

1. POST /counter
   1. Should increment a number variable in your webapp by 1
   2. Should return a 204 success code
2. GET /counter
   1. Should return the current value of the number variable
   2. Should return a 200 success code
3. DELETE /counter
   1. Should reset the current value of the number variable to 0
   2. Should return a 204 success code

You should be able to test the functionality using the following flow.

1. Run `curl localhost:3000/counter`
   1. This does a **GET** against the provided route and should return 0 as the initial value of the counter
2. Run `curl -X POST localhost:3000/counter`
   1. This does a **POST**against the provided route and should return a 204 success code
3. Run `curl localhost:3000/counter`
   1. This does a GET against the provided route and should return a 1 with a 200 success code, as the counter has been incremented
4. Run `curl -X DELETE localhost:3000/counter`
   1. This does a DELETE against the provided route and should return a 204 success code
5. Run `curl localhost:3000/counter`
   1. This does a GET against the provided route and should return a 0 with a 200 success code, as the counter has been reset.

**PLEASE SUBMIT YOUR APPLICATION (including server.js and package.json if using any dependencies) via github and blackboard.**

**DUE BY BEGINNING OF CLASS NEXT WEEK**