Lab 3 – Humber ID Function Unit Test (3% of final grade)

Create a JavaScript function that will validate a Humber College student ID, and create the Unit Test to test it.

Part 1:   BUILD THE checkHumbrId FUNCTION   (0.5%)

1. Using the provided ***Lab-3-unittest-function.js*** file, create a function called **checkHumbrId** that accepts one parameter.
2. The function should validate a Humber college ID number e.g. N12345678 (uppercase or lowercase 'N' followed by 8 digits).
3. If the input validates, the function will return the Boolean *true*, otherwise it will return *false*.

Part 2:   BUILD THE test__checkHumbrId FUNCTION   (1%)

4. Using the provided ***Lab-3-unittest-test.js*** file, create a second function called, **test__checkHumbrId**, which will test the checkHumbrId function.
5. This second function will take 2 parameters: a value to pass to the checkHumbrId function, and the expected result of running that value with the function.
6. When run, it should output the results of the test to the HTML page. The output should read as follows (note the logic that reports whether the input value passed the test or not):

Value tested: xxxxxx **Expected result:** xxxxxx **==PASSED==**   (OR…)

Value tested: xxxxxx **Expected result:** xxxxxx **xxFAILEDxx**

Part 3:   RUN THE TESTS   (1%)

Using the unit test function, create and execute tests checking for test-to-pass, test-to-fail, and boundary values (at least 6 tests in total). Mark each of these three groupings with a comment. Be sure to test your unit test by changing one of the expectations - however, I expect to see all tests passed.

EXTRA CHALLENGE   (0.5%):

• Implement "use strict", and validate with JSLint.
• Style the results so that **==PASSED==** is green, and **xxFAILEDxx** is red.