

## Test Overview

In this assessment you will demonstrate your ability to code a JS document to process a web form.

## Test Files

You are given the interface for this test. You cannot change the HTML. Please download and extract Test1\_V3.zip to the desktop and open the project in VS Code. Acquaint yourself with the HTML design elements now.

## Test Scenario

Depending on where you study, your grade may be represented as a letter, percentage, or according to a 1.0 - 4.0 scale. The following chart shows you generally how these grades translate:

Letter	Percent	4.0 Scale
A	90%-100%	3.7-4.0
B	80%-89%	2.7-3.3
C	70%-79%	1.7-2.3
D	65%-69%	1.0-1.3
F	Below 65%	0

You are asked to code 2 functions that will be separate and outside of the click event for this application. One function will receive a grade letter and will return its corresponding percent value; the other function will also receive a grade letter, but it should return the equivalent 4.0 scale conversion.

Code a click event for this application, and only output the converted grade according to the user's selection, if a grade is selected; otherwise, output an error message.

The following figures illustrate how you should handle errors or successful user input. Match your output to the figures, shown below.

User does not select a grade

User selects C and percent

User selects B and 4.0 Scale

### Grade Rubric

- Functions to convert letter grades – 15 marks
- Click event and control of flow – 10 marks