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<https://github.com/cef39/CS1632Deliverable3>

CS 1632 – DELIVERABLE 3: Unit Testing

Some complications arose when attempting to test the text for a requirement. For example, the first requirement states that the homepage should display “Welcome, friend, to a land of pure calculation”. This was difficult to test because that text did appear on the homepage, but the text was split over two lines. Other issues were trying to find an identifier that would return the exact element we wanted. For example, the dangers of grabbing an element by class or tag could possibly result in a different object with the same class or tag.

FibTest\_2 fails because the requirements state that the Fibonacci page should produce a results for values 1 – 100, but Fib(100) results in the incorrect result.

FibTest\_6 fails because ‘a’ is entered as an input and “Fibonacci of a is 1!” is expected as a result, however an internal server error appears.

FibTest\_7 fails because entering nothing as an input should result with “Fibonacci of null is 1!”, but an internal server error appears instead.

HelloTest\_4 fails because “/Jazzy#123” is entered as the trailing value, so “Hello CS1632, from Jazzy#123!” is expected, but “Hello CS1632, from Jazzy” is returned instead.

HelloTest\_5 fails because “/Jazzy/123” is entered as the trailing value, so “Hello CS1632, from Jazzy/123!” is expected, but “page not found” is returned instead. Should redirect instead of displaying error to user.

FactTest\_5 fails because ‘a’ is entered as an input and “Fibonacci of a is 1!” is expected as a result, however an internal server error appears.

FactTest\_6 fails because entering nothing as an input should result with “Factorial of null is 1!”, but an internal server error appears instead.

# DEFECTS

ID:

Description:

Reproduction Steps: