FOLIO #5 (Fibonacci Generator)

Interface mock-up

Fibonacci Generator

First Number ☐
Second Number ☐
Number of Repetitions ☐

Create

Pseudo-code

when generate button pressed;

```
function initial()
        a = documentgetelementbyid(input1);
        b = documentgetelementbyid(input2);
        numberep = documentgetelementbyid(input3);

function fibonacci();
        if(progress < numberep);
                document.write(a+b=c);
                b=a;
                b=c;
                fibonacci();
        else
                document.write(“done”);
```

Variable Table

Variable	Type	Format	Size	Example	Purpose
a	int	#	na	1,2,3	To store the current value of a.
b	int	#	na	8,9,3	To store the current value of b.
numberep	int	#	na	2,3,7	To store the number of results to give.

Tests

1. Test the number of repetitions by checking results against inputs.
2. Test the equation’s accuracy by inputting the standard 0,1 and compare against actual fibonacci sequence.