Module5 Assignment

1. **Did any of the typeof outputs surprise you?**

The three numbers were surprising since I was expecting float and integer to show instead. The NaN wasn’t expected but I realized that “five” isn’t a number.

1. **What is happening in step 5.1 that is causing the line break?**

The \n is a newline character that causes the string the break into a new line.

1. **What do you think is happening in 5.2? You might need to research this one. :)**

Template literals are being used, they allow embedded expressions so when its executed the result is inserted into the string.

1. Tell me why the output is what is is for 5.2 - 5.8.

* 5.2: template literal evaluates the 100/2 expression and inserts 50 into the string.
* 5.3: the + operate combines the different parts of the string to form the result.
* 5.4: null is treated as a zero in numerical operations so when multiplying 8 \* null, it results the in 0
* 5.5: “5” is converted into 5, so it prints the result of 5-1
* 5.6: Just like 5.5, “5” is converted into a number so it prints the results of 5 +1
* 5.7: Unlike the previous two, “five” cant be converted into a number so result ends up being NaN.
* 5.8: false == true can’t be true since true and false are two distinct Boolean values.

A screenshot of a computer

Description automatically generatedOutput: