9/5/2020
Review questions for lesson 4 Data Types

1. What are the different data types in JavaScript?
2. Why is the typeof operator more important in a loosely typed language like JavaScript than a strongly typed language like Java or C#?
3. What is dynamic typing?
4. How do you convert strings to numbers and numbers to strings?
5. How can JavaScript primitives have methods associated with them (e.g. "hello".toUpperCase()) if they are not objects?
6. Why are parseInt and parseFloat important for a web application?
7. Give a common JavaScript programming idiom for converting a number to a string.
8. Is 108 === "108" is 108 == "108"? Explain the difference
9. Is slice the same method when used with an array versus a string? Explain
10. What is the difference of slice and splice?
11. What is a destructive versus non-destructive array operation?
12. How is forEach related to for .. of ?
13. Why are find, filter, map, reduce considered 'higher order' functions? Why are they considered "pure" functions?
14. What is the accumulator in reduce?
15. Why do we recommend using an initial value for reduce?