9/20/2020
Review questions for Desturcturing, Date, JSON

1. Explain what happens on both sides of the = sign for the following destructuring assignment:
    let [firstName, surname] = "Ilya Kantor".split(' ');

2. Explain what happens for the following destructuring assignment, and especially what
    …remaining means:
    let [name1, name2, …remaining] = ["Julius", "Caesar", "Consul", "of the Roman Republic"];

3. Just based on your knowledge of JavaScript language rules, what data type should be returned
    by parseExpression (below)? What properties should it have? What can we say about expr and
    rest? Is {expr, rest} an object literal in the following statement?
    let {expr, rest} = parseExpression(program);

4. What does new Date() return?

5. What will new Date("2000-01-01") return if we are located in Fairfield?

6. What will new Date("2000-01-01") return if we are located in Addis Ababa?

7. What does Date.now() return? How can you use it to measure performance of an algorithm?

8. Give a use case for when Date.parse() would be useful.

9. What is the purpose of JSON.stringify? Can you think of a use case for it?

10. What is the purpose of JSON.parse? Can you think of a use case for it?