Week 8 Assessment: Conceptual
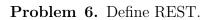
Web Development Immersive

August 11, 2017

Problem 0. API's typically return data in what format?

Problem 1. ActiveRecord is to SQL as _____ is to MongoDB.

Problem 2. Mongoose models represent MongoDB collections. Instances of Mongoose models map to *what* in a MongoDB database?

Problem 3. True or False. AJAX requests are HTTP requests made server-side.

Problem 4. Define event-driven programming. Node is single-threaded. Describe the relationship between Node's single-threaded concurrency model and asynchronous programming?

Problem 5. Define middleware in the context of Express.

Problem 6. Define REST.

Problem 7. Define serialization.

Problem 8. Compute the values of x and y using Expressions (1) and (2).

$$2x + y = 10 \tag{1}$$

$$3x - y = 0 \tag{2}$$