Node.js for Beginners

Lab Exercise 5

1. Write an express/socket.io server that emits an object every second. The object should be formatted like this: {num:n} where n is a random number between 100 and 200.

- Set up a package.json file with the following dependencies:
    - » express
    - » socket.io
- Set up your server file.
- Instantiate express.
- Make a server variable that contains the result of require('http').createServer().
- Pass your express instance into createServer.
- Instantiate socket.io. In the 'listen' call, pass in the server.
- Set up a static file server.
- At a specified interval (using setInterval), emit a random number on the socket.
- Create an HTML file in your public directory.
- Make a script tag with the source of socket.io.
- Connect to the socket.io server.
- Listen for the event you emitted in the setInterval on the server
- When the event is fired, take the number and append it to the body.