

Node.js for Beginners

Lab Exercise 5

Answer Key

1. Write an express/socket.io server that emits an object every second.

Server

```
var express = require('express'),
    app = express(),
    server = require('http').createServer(app),
    io = require("socket.io").listen(server),

//setup middleware
app.use(express.static(__dirname + '/public'))

setInterval(function() {
    io.sockets.emit('number', {num: Math.round(Math.
random() * 100) + 100});
}, 1000);

server.listen(process.env.port || 8080);
```

Client

```
<script src="/socket.io/socket.io.js"></script>
<script>
    var socket = io.connect("//localhost:8080");
    socket.on('number', function(numObj) {
        document.write('<div>' + numObj.num + '</
div>');
    });
</script>
```

