

Node.js for Beginners

Lab Exercise 1

Answer Key

1. Implement a command in `todo.js` that removes an item from the `todo` list.

```
var commands = {
  ...
  rm: function(item) {
    var newList = [];
    for(var i = 0; i < todoList.length; i++) {
      if(todoList[i] !== item)
        newList.push(todoList[i]);
    }
    todoList = newList;
  },
  ...
};
```

2. Write a `package.json` file to require the dependencies 'express', 'mongoose', and 'lodash'

```
{
  "name": "whatever",
  "version": "0.0.0",
  "author": "",
  "dependencies": {
    "lodash": "*",
    "mongoose": "*",
    "express": "*"
  }
}
```



3. Write two files: a.js and b.js. File a.js should require b.js, while file b.js should have a function accessible to a.js

```
app.js
  var b = require('b');
  b.someFn();
b.js
  module.exports = { someFn:function() {} };
```

4. Write a node script that creates 'n' text files. These files need not have any content in them. 'n' will be defined in a local variable. For this exercise, you'll need to make use of the Node's 'fs' module.

```
var fs = require('fs'),
    n = 10;
for(var i = 0; i < n; i++) {
  fs.writeFileSync(i + '.txt', '');
}
```

