

Files: read.js, write.js, myjsonfile.json

```
var signatures = [{
  title : "Oppenheimer",
  message : "I am become death"
}]

signatures.push({title : "Orbus", message : "Now you know"});

var json = JSON.stringify(signatures);

var fs = require('fs');
fs.writeFile('myjsonfile.json', json, function(err) {
  if (err) throw err;
  console.log("complete")
});
```

```
1  var signatures = []
2  var fs = require('fs');
3  fs.readFile('myjsonfile.json',function(err,data){
4    if (err) {
5      console.log(err);
6    }
7    signatures = JSON.parse(data);
8
9    console.log(signatures)
10
11  })
```

The starting javascript code writes a string to a chosen .json file by first “stringifying” an array of objects then taking the string var and writing it to the json via fs.writeFile

The next picture shows how to read the .json file via the use of fs.readFile and using JSON.parse to recreated the array. Result shown below.

```
C:\Users\alex8\OneDrive\Desktop\jsontest>node read.js
[
  { title: 'Vader', message: 'I am become death' },
  { title: 'Orbus', message: 'Now you know' }
]
```