• Warmup Activity:



Hello Worl

• <u>Activity − 1</u>

o **1-A**

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### Terminal Help #### activitylajs - week2 - Visual Studio Code

### JS activitylajs | JS activity2js | JS activity2sitjs | JS activity1ajs | JS activity1bjs | () mydataset.json | TC New Request |

### JS activity1ajs | JS activity2js | JS activity2sitjs | JS activity1bjs | () mydataset.json | TC New Request |

### JS activity1ajs | JS activity2sitjs | JS activity1ajs | JS activity1bjs | () mydataset.json | TC New Request |

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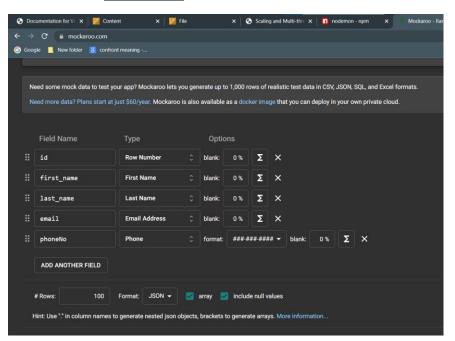
#### Activity1bjs | JS activity1bjs |

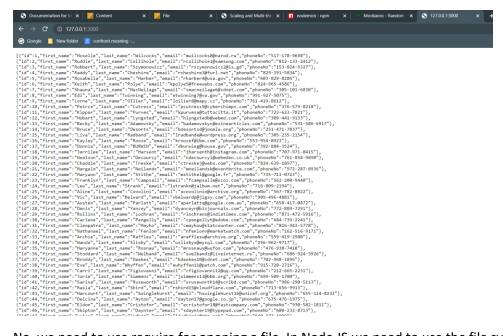
#### Activity1bjs | JS acti
```

• 1-C

In Activity1-A, we use the blocking code functionality: that is the other instruction will be blocked until the file input output is not completed. To overcome this, in Activity 1-B we use the Callback mechanism. The Callback function will execute at the end so the code can be drafted in a way that we can achieve asynchronism.

• <u>Activity −2</u>

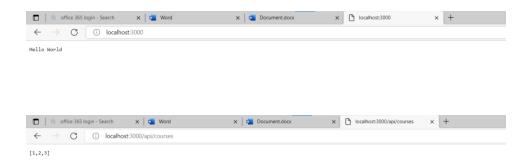




No, we need to use require for opening a file. In Node JS we need to use the file system module to work with files and therefore to include it we need to use the "require" method.

Activity 3:





The following program checks that if the request url is only the localhost and port then write "hello world" to response. If request url has '/api/courses' appended to it, then write the array in response by converting it to simple string.