# Extra Instruction

Since the OpenStack does't work somehow, and dave also don't know how to solve, here is the instruction of running code on local device.

## For Windows:

First make sure you installed node.js:
https://nodejs.org/dist/v14.15.1/node-v14.15.1-x64.msi
then install and run mongodb by following the instruction here:
https://docs.mongodb.com/manual/tutorial/install-mongodb-on-windows/
then install yarn by following this instruction:
https://classic.yarnpkg.com/en/docs/install/#windows-stable
After you get all environment set, you can extract the file and go to the file path
$/express
then run command below to add support modules

```
1  npm install
2  yarn add connect-mongo
```

Then import data into database

```
1  mongoimport -d movies -c movies --file user.json --type json
2  mongoimport -d movies -c movies --file movies.json --type json
```

Then you can start the server

```
1  yarn start
```

## For Mac:

First make sure you installed node.js:
https://nodejs.org/dist/v14.15.1/node-v14.15.1.pkg
then install and run mongodb by following the instruction here:
https://docs.mongodb.com/manual/tutorial/install-mongodb-on-os-x/
then install yarn by following this instruction:
https://classic.yarnpkg.com/en/docs/install/#mac-stableAfter you get all environment set, you can extract the file and go to the file path
$/express
then run command below to add support modules

```
1  npm install
2  yarn add connect-mongo
```

Then import data into database

```
1  mongoimport -d movies -c movies --file user.json --type json
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```

Then you can start the server

```
1  yarn start
```

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### Video demo address

(just a part of demo to proof that my code actually runs)
https://youtu.be/ZRpmrFCRFdA

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### After all:

Sorry for the unconvinience, but I don't know why the OpenStack does'nt support my code. And you know, passing this course or not is pretty much decide by the grade of this project, so is app crash or something, please contact me and I will see what we can do, since everything works fine on my laptop. I would be really appreciate.