You can read more about the MongoDB server in the daemon documentation.

Note: The `--fork` option is not available on the Windows operating system.

Lecture Instructions

Connect to the vagrant box:

```
cd m103-vagrant-env
vagrant ssh
```

COPY

Launch mongod in our first shell:

```
mongod
```

COPY

Connect to the Mongo shell in our second shell:

```
mongo
```

COPY

Shutdown mongod from our second shell:

```
mongo admin --eval 'db.shutdownServer()'
```

COPY

Find command line options for mongod:

```
mongod --help
```

COPY

Create new data directory and try to launch mongod with a new `port` and `dbpath`, and also `fork` the process:

```
mkdir first_mongod
mongod --port 30000 --dbpath first_mongod --fork
```

The above command will fail without a `logpath` - so we add one and then successfully launch mongod:

```
mongod --port 30000 --dbpath first_mongod --logpath first_mongod/mongod.log --fork
```

Try to connect back to Mongo shell, without specifying a port:

```
mongo
```

We need to add a port, because our mongod is running on port 30000, not the default 27017:

```
mongo --port 30000
```

Shutdown the new server:

```
mongo admin --port 30000 --eval 'db.shutdownServer()'
```