

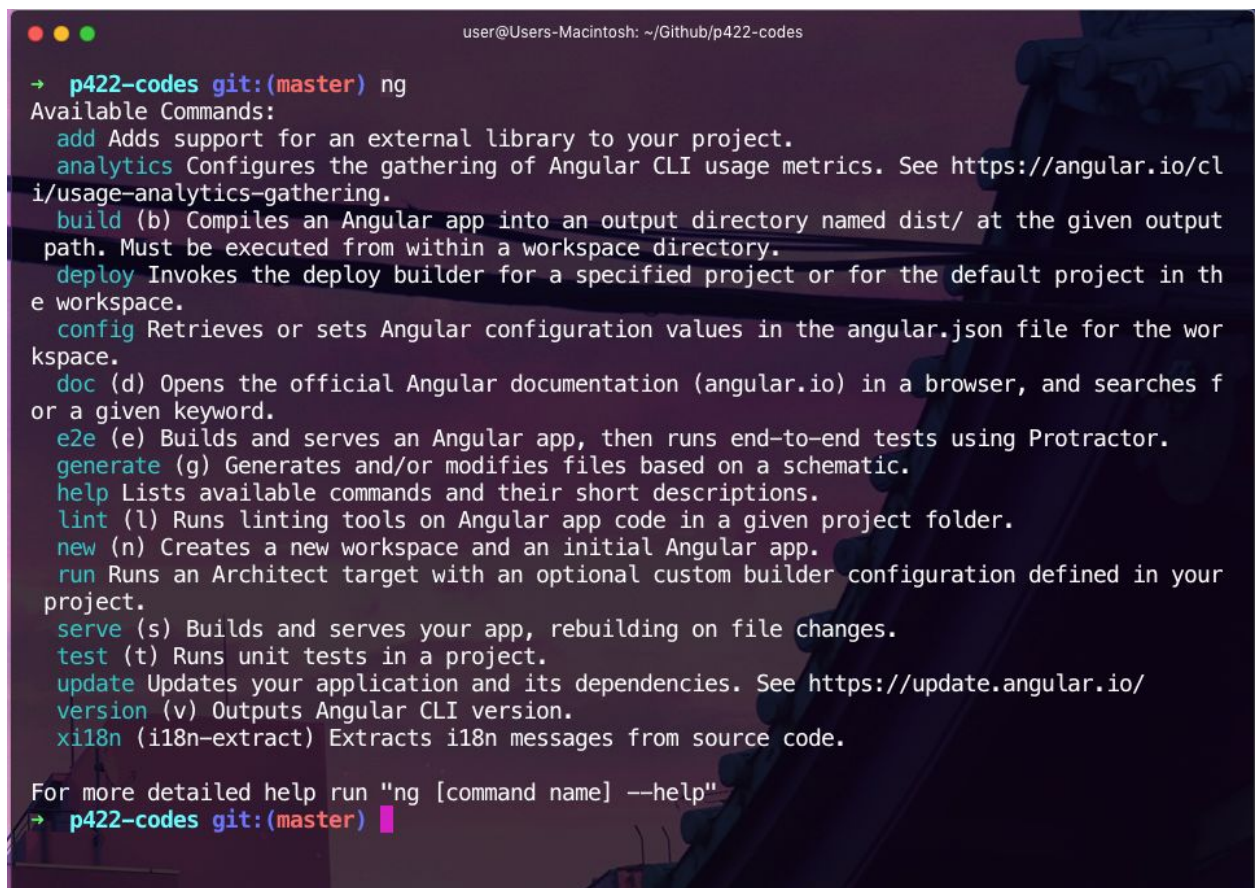
Web Enterprise Systems

Fall Semester 2020

Greg Witt

Setup

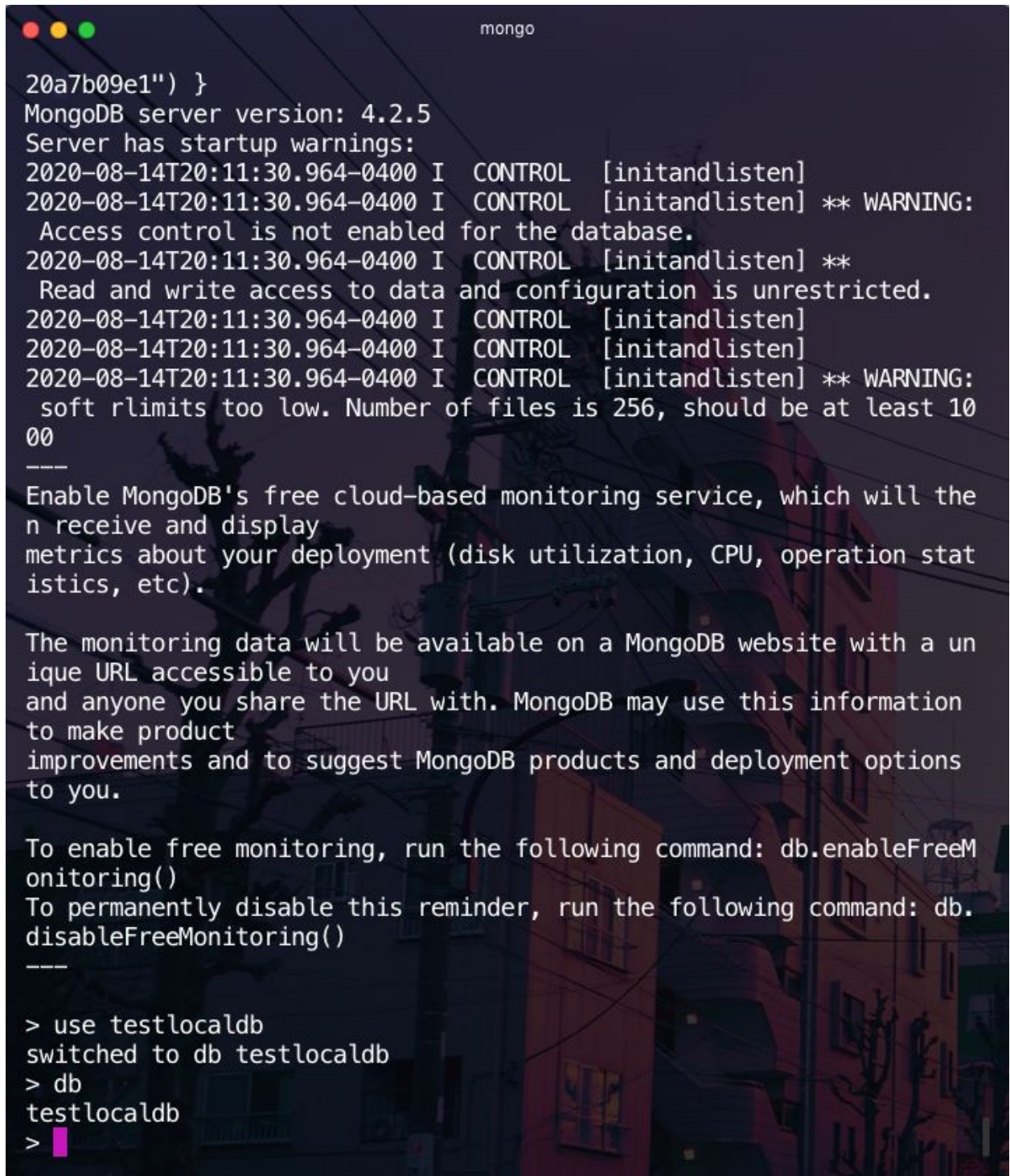
1. Terminal Running **ng** command for Angular CLI



```
user@Users-Macintosh: ~/Github/p422-codes
→ p422-codes git:(master) ng
Available Commands:
  add      Adds support for an external library to your project.
  analytics Configures the gathering of Angular CLI usage metrics. See https://angular.io/cli/usage-analytics-gathering.
  build (b) Compiles an Angular app into an output directory named dist/ at the given output path. Must be executed from within a workspace directory.
  deploy   Invokes the deploy builder for a specified project or for the default project in the workspace.
  config   Retrieves or sets Angular configuration values in the angular.json file for the workspace.
  doc (d)  Opens the official Angular documentation (angular.io) in a browser, and searches for a given keyword.
  e2e (e)  Builds and serves an Angular app, then runs end-to-end tests using Protractor.
  generate (g) Generates and/or modifies files based on a schematic.
  help     Lists available commands and their short descriptions.
  lint (l) Runs linting tools on Angular app code in a given project folder.
  new (n)  Creates a new workspace and an initial Angular app.
  run      Runs an Architect target with an optional custom builder configuration defined in your project.
  serve (s) Builds and serves your app, rebuilding on file changes.
  test (t) Runs unit tests in a project.
  update   Updates your application and its dependencies. See https://update.angular.io/
  version (v) Outputs Angular CLI version.
  xi18n (i18n-extract) Extracts i18n messages from source code.

For more detailed help run "ng [command name] --help"
→ p422-codes git:(master) █
```

-
2. Terminal running **mongo** command connected to a local database

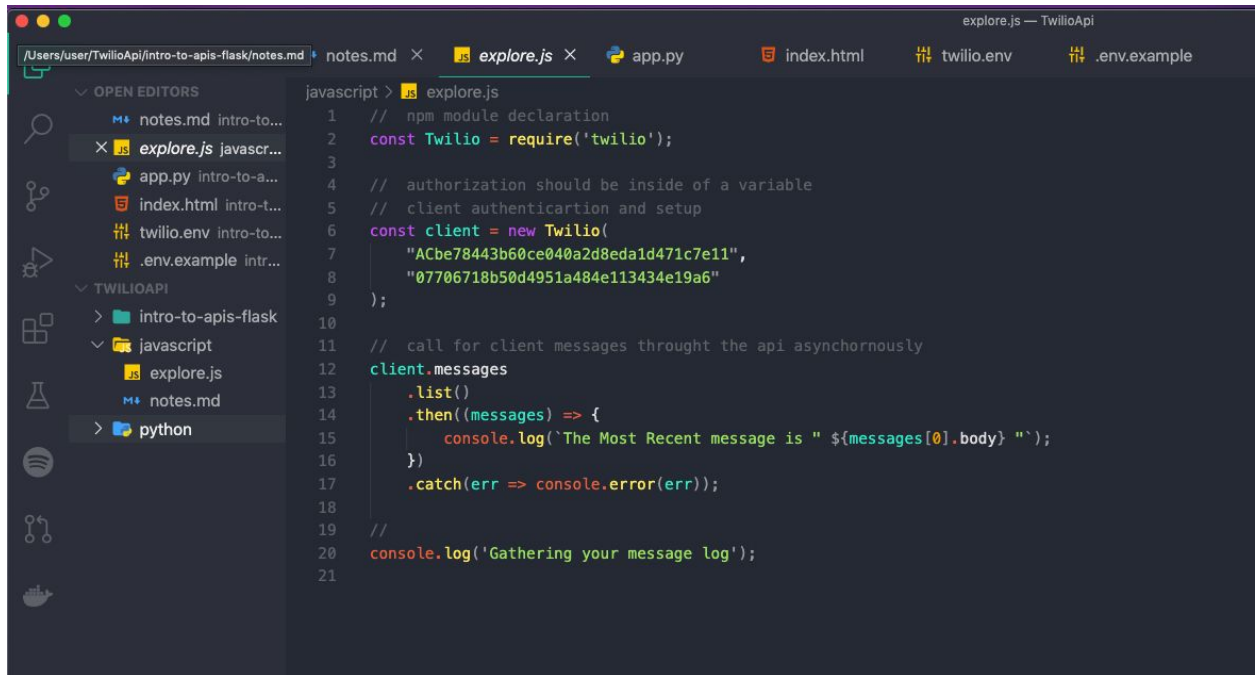
A terminal window titled 'mongo' with a dark background and light-colored text. The window shows the output of the 'mongo' command, including the MongoDB server version (4.2.5), startup warnings about access control and file limits, and instructions on how to enable or disable free monitoring. The user has entered the command 'use testlocaldb' and the prompt has changed to 'testlocaldb'.

```
20a7b09e1") }
MongoDB server version: 4.2.5
Server has startup warnings:
2020-08-14T20:11:30.964-0400 I CONTROL [initandlisten]
2020-08-14T20:11:30.964-0400 I CONTROL [initandlisten] ** WARNING:
  Access control is not enabled for the database.
2020-08-14T20:11:30.964-0400 I CONTROL [initandlisten] **
  Read and write access to data and configuration is unrestricted.
2020-08-14T20:11:30.964-0400 I CONTROL [initandlisten]
2020-08-14T20:11:30.964-0400 I CONTROL [initandlisten]
2020-08-14T20:11:30.964-0400 I CONTROL [initandlisten] ** WARNING:
  soft rlimits too low. Number of files is 256, should be at least 10
00
---
Enable MongoDB's free cloud-based monitoring service, which will the
n receive and display
metrics about your deployment (disk utilization, CPU, operation stat
istics, etc).

The monitoring data will be available on a MongoDB website with a un
ique URL accessible to you
and anyone you share the URL with. MongoDB may use this information
to make product
improvements and to suggest MongoDB products and deployment options
to you.

To enable free monitoring, run the following command: db.enableFreeM
onitoring()
To permanently disable this reminder, run the following command: db.
disableFreeMonitoring()
---
> use testlocaldb
switched to db testlocaldb
> db
testlocaldb
> 
```

3. Visual Studio Code editing some JS from the Twillio API



```
1 // npm module declaration
2 const Twilio = require('twilio');
3
4 // authorization should be inside of a variable
5 // client authentication and setup
6 const client = new Twilio(
7   "ACbe78443b60ce040a2d8eda1d471c7e11",
8   "07706718b50d4951a484e113434e19a6"
9 );
10
11 // call for client messages through the api asynchronously
12 client.messages
13   .list()
14   .then((messages) => {
15     console.log(`The Most Recent message is " ${messages[0].body} "`);
16   })
17   .catch(err => console.error(err));
18
19 //
20 console.log('Gathering your message log');
21
```