

CSCI 301 Survey of Scripting Languages
Fall 2017
Lab 6 - Node.js on Heroku

Objective: To learn about Node.js apps, deploying to Heroku and preparing for the term project.

Instructions:

1. Install Node.js on your machine by downloading the LTS installer (currently version 6.11.5) from <https://nodejs.org/en/>
2. If you do not already have a Heroku account, sign up at <https://heroku.com>
3. Install the Heroku CLI by following the instructions at <https://devcenter.heroku.com/articles/heroku-cli>
4. Fork the GitHub repo at <https://github.com/csu-cs/csci-301-fall-2017-project> by clicking the Fork button at the top right of the screen.
5. Clone your fork to your machine. Use the helpful green button on GitHub to copy the full name of the repo, then all you have to do is paste into the command below.

```
$ git clone <full_repo_name>
```
6. Navigate into the top level directory of the forked repo you just cloned.

```
$ cd csci-301-fall-2017-project
```
7. Install the app dependencies using npm. This will install Express.js into your app.

```
$ npm install
```
8. Run the app and verify you can see "Hello World!" in a browser at <http://localhost:5000>

```
$ npm start
```
9. Modify the app to display your first and last name instead of "Hello World!".
10. Commit your changes locally.

```
$ git add .  
$ git commit -m "lab 6"
```
11. Push your commit to your fork on GitHub.

```
$ git push origin master
```
12. Create a new app on Heroku.

```
$ heroku login #enter your Heroku account's email and password at prompt  
$ heroku create
```
13. Deploy your app to Heroku.

```
$ git push heroku master  
$ heroku open
```
14. Email the instructor at wbeckwith@csuniv.edu the url of your deployed app on Heroku.

Due: Wednesday, November 1, 11:59 PM