# Node.js for Beginners

## Lab Exercise 6

1. Take a Node.js app you've been working on and deploy it to Heroku. (Don't worry, it's free!)

- Make your 'Procfile.'

- Install Git, if you haven't already.

- Make a Git repo.



https://www.heroku.com/

- Install the Heroku commandline toolbelt, if you haven't already.

- Log in to Heroku, if you haven't already.

- Create a Heroku app.

- Push your Git repo to Heroku.

2. Replace any MongoDB persistence with one of Heroku's MongoDB extensions.

- Add mongolab to your Heroku project

- Ensure that your Heroku environment has a mongolab uri with 'heroku config.'

- Anywhere in your app that you connect to mongodb, replace the localhost URI with a logical expression that returns the Heroku mongolab URI or your localhost if heroku's URI isn't present.

3. Add application logging with Winston.

- Add Winston to your package.json file.

- Remove all debugging instances of 'console.log.'

- Keep console.log calls that you want to persist in the logs, just replace the 'console' with 'winston.'

- Set up a winston transport layer for mongodb.

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