HW Assignment: Node.js and Git

Submit Assignment

Due Sunday by 11:59pm   **Points** 10   **Submitting** a text entry box

This week's assignment is to get set up with node on engineering server and GitHub. It is primarily a technical hurdle that needs to be overcome. We will go into details of node.js in week 7 module when we start to learn server side interactions. For now, you only need to get the node running. If all steps go smoothly, this assignment should be a 20 minute process, but be prepared for things to not go smoothly. Make sure to get started early on this as it can take awhile to troubleshoot problems.

From 2016 fall, we started to run the node on engineering server instead of Amazon server. So far, students don't have too much trouble getting it done smoothly. Just follow every step in the **tutorial** **(http://eecs.oregonstate.edu/ecampus-video/CS290/core-content/tools-and-overview/Using-Node-on-the-Engineering-Servers.html)** and don't make careless mistakes. If you run into any issues, please check/post on Piazza for clarifications.

NOTE: setting up the node.js on the engineering server requires the MySql account which will be created for you by the technician at the beginning of the term. Please don't start this work until you get a notification from the instructor that the account has been created. Otherwise, you will get errors while trying to connect to the database. You can set up your GitHub account first.

Requirements:

- Set up Node on Engineering servers
- Start the Node.js process
- Create a GitHub account (and I would highly recommend requesting a student dev pack as well from **https://education.github.com/** **(https://education.github.com/)**, you get a premium account for free and some other neat software.) If you already have an account, you can use that one for this course and do not need to create a new one.
- Create a GitHub repository and add some contents to it.

Deliverables:

Submit the following two addresses on Canvas as text.

- **The address where we can access Node on Engineering Servers.**
  - This will be an URL in the form of **http://flipX.engr.oregonstate.edu:YYYY (http://flipX.engr.oregonstate.edu:YYYY,)** , where flipX should be flip1, flip2, or flip3, and YYYY is the port number you choose, for example, 5678.
  - After following all the steps, once you go to view the webpage flipX.engr.oregonstate.edu:YYYY, the page displays "MySql results...", that means your link is working and the forever process is up.
- **A link to your GitHub repository**
  - This repository should have at least 2 files (any file type or content works) added to it.
  - If you set your repository as public, everyone can access it. If you set it as private, please add OSU-CS290-Tester as a collaborator (you do not need to wait for the response from the Collaborator) so TAs can use the tester account to check your repository for grading.

Some tips on setting up the node:

1. Before you start the first step, connect to OSU VPN and keep the VPN connection during the whole setup process.

2. You do not need to change your default password and I think it is better to leave it as default since if something is not working for you, TAs and I can test your account on our side.

3. If you do change the default password, you need to update it in the dbcon.js file.

4. When you try one port number and it is not working, you need to switch to another port number by repeating from step 5.

5. Do not have any typo when you change the file content.

6. If you already have the GitHub account, you can use that for this course.

Some Rubric (1)

Criteria	Ratings	Pts
Github link works and there are 2 files added to the repo.		5.0 pts
The URL works		5.0 pts
		Total Points: 10.0