

Tasks

1. Create a **GitHub** account and let me know asap so that I can add you as a collaborator on the repo: <https://github.com>
2. Create **StackOverflow** account here: <https://stackoverflow.com>
3. Create an account on **TopCoder**: <https://www.topcoder.com/>
4. Email me the links to your profiles for the above mentioned: heinrich91@gmail.com
5. Team meeting in person, setup development environment, organise roles & responsibilities, elect team lead.
6. Complete **Git** training on here: <https://www.atlassian.com/git> | <https://git-scm.com/docs/gittutorial>
7. Complete **HTML5** training here: <https://www.tutorialspoint.com/html5/>
8. Complete **JavaScript (NodeJS)** training here
[:https://developer.mozilla.org/en-US/docs/Web/JavaScript/A_re-introduction_to_JavaScript](https://developer.mozilla.org/en-US/docs/Web/JavaScript/A_re-introduction_to_JavaScript) |
<https://www.tutorialspoint.com/nodejs/> |
https://www.tutorialspoint.com/javascript/javascript_quick_guide.htm |
<https://www.airpair.com/javascript/node-js-tutorial>
9. Complete **API Design** training here:
<https://blog.risingstack.com/10-best-practices-for-writing-node-js-rest-apis/> |
<http://www.restapitutorial.com/> |
<https://www.codementor.io/olatundegaruba/nodejs-restful-apis-in-10-minutes-q0sgsfhbd>
10. Complete **Database** Design & Development here: <https://www.tutorialspoint.com/mysql/>
11. Create & Setup Project: **NUST Student Campus Application**
12. **Deploy** your web application: <https://devcenter.heroku.com/articles/deploying-nodejs>

Useful Resources

- <https://github.com/karan/Projects>
- <http://www.topzenith.com/2016/10/top-10-video-tutorials-to-learn-nodejs.html?m=1>
- <https://www.airpair.com/javascript/node-js-tutorial>
- <https://code.tutsplus.com/courses/build-web-apps-in-node-and-express>
- <https://www.codementor.io/community/topic/nodejs>
- <https://www.codementor.io/codeforgeek/node-js-mysql-8b5nh45r9>
- <https://www.codementor.io/restful/tutorial/rest-api-design-best-practices-strategy>
- <https://www.toptal.com/api-developers/5-golden-rules-for-designing-a-great-web-api>
- <https://medium.freecodecamp.org/building-a-simple-node-js-api-in-under-30-minutes-a07ea9e390d2>
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