

Lab3 (part 2)

1. Now that our local repo is synced, and we created our first webpage in the previous lab, let's extend it further. In Lab 3, part 1 first page should be named index.html, I expect you to use the image HTML element and provide a link to the next page. If you have completed this, you can proceed to the next step.
2. The second webpage should be named resume.html and should be saved within the Lab3 folder.
3. Here is a chance to be creative, the previous class we discussed HTML elements, remember www.w3schools.com is your friend. You can check out that link and see which elements you can use.
4. In the resume.html web page, I expect the content to be organized, the first half of today's class I will speak about div and section, please use them. The content you are planning to post in the web-page should be organized and easy-to-read.
5. Grading for this lab is purely based on how you use HTML elements, and I am ok if the website looks ugly. This lab will be further extended in the future to use CSS, where you can make your website beautiful. This lab aims to get you hands-on practice on writing HTML page from scratch, so I expect you to use HTML elements, which we covered in class and beyond.
6. The more you use HTML elements it will give you confidence. Ideally, a resume should have information such as your name, address, phone, some introduction statement about yourself, your skill sets, your education, and work experience. As this is an opportunity for you to be creative, please use the proper HTML elements and attribute and design your webpage.
7. Once you are done, stop here ask for feedback from the instructor, I will review your webpage in local, and quickly glance your content and your code. I will provide you with my feedback, and you can decide if you want to change.
8. Once you are ready and tested your code locally, it is the time to sync your repo using the git commands from git bash.

Git commands-

`git pull`

`git add.`

`git status`

`git commit -m "Lab 3 second part"`

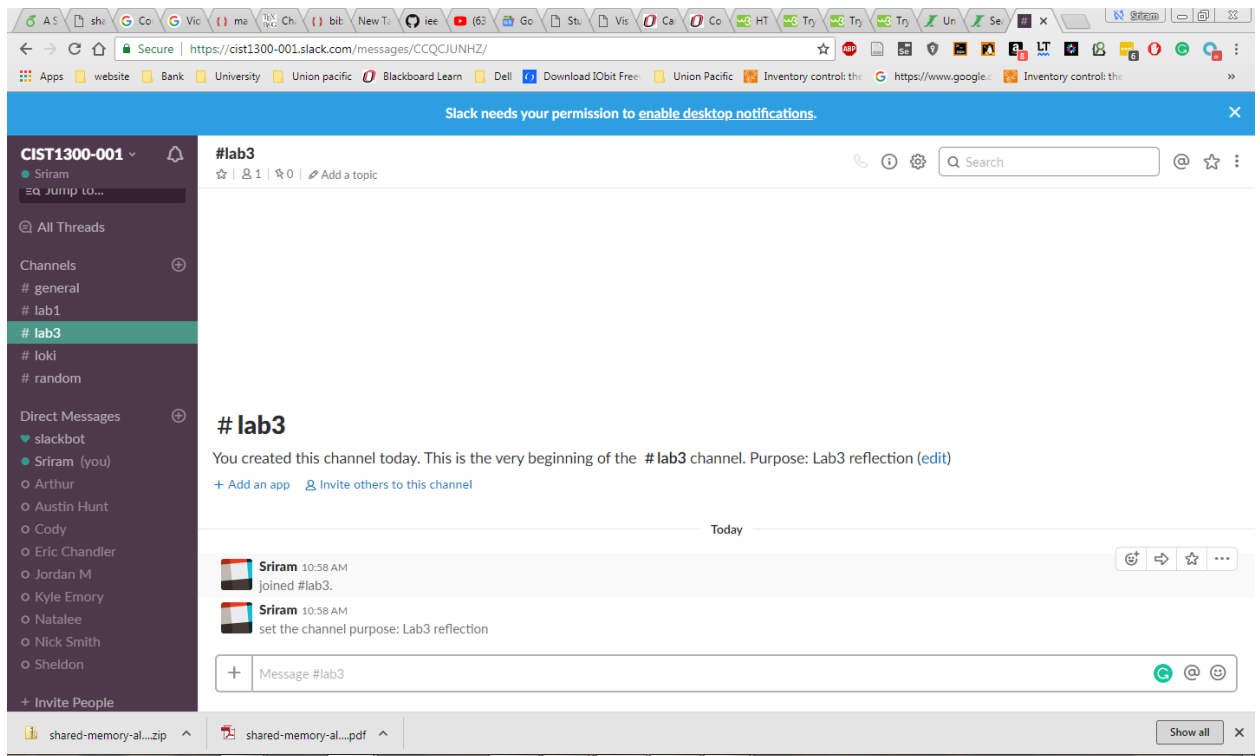
`git push origin master`

9. Now login to your loki.ist.unomaha.edu, navigate to your public_html folder, CIST1300-001, and your Lab3 folder. Now remember that what you did so far is in your local repo, let's first sync this folder.

Git sync command: – `git pull`

10. Now if you complete sync let's make it public using (`publish-public-HTML`) command in Unix.
11. If that goes well, let's try to make sure it works in Loki, check out your Loki webpage in your browser, ideally, the link should be – `Loki.ist.unomaha.edu/~your username\CIST1300-001\Lab3`

12. There are chances we might encounter rendering issues, such as content might not be displayed correctly in Loki, don't panic let's troubleshoot. Google chrome inspect is your friend to troubleshoot, please let the instructor know if you see any rendering issues I can assist.
13. Now if your website doesn't have any issues, good let's check out the website in your smartphone browser using the same URL you used in your desktop. Next, I want you to visit our class slack channel and join Lab3, and post your reflection about lab3 if you see any difference in HTML webpage while using your smartphone browser.
** Lab3 reflection I expect you to mention what you liked about Lab3, what you didn't like, how can we further improve lab3, comments on Git and are you enjoying HTML elements and attributes? ***



14. Every time we push to git or we pull anywhere it asks for username and password, isn't that annoying? Next few steps I discuss here will make our life easy, we need to inform git that I am the genuine user and don't ask username and password each time. We will be adding SSH certificate to mark your Loki and your local machine as a trusted device.
15. <https://gitlab.com/help/ssh/README#generating-a-new-ssh-key-pair>, Follow the instructions step-by-step and once you are done, you can push and pull from git from your device without any authentication.

Step 14 and Step 15 are just to make your life easy while using git and I recommend everyone to complete these steps, however, it is optional and I won't deduct any points for this lab if you don't complete the last two steps. If you complete it successfully and via slack you send me the screenshot of your public SSH key, I will give additional points, which you can use it towards boosting your final grade.

** Point to note gitlab will force you to generate two keys, public and private, In order to give extra credit points, I am only asking for a public key, not private or both. You should never share your private key with anyone, If you share your private and public, anyone can make their device trusted and push changes to your repository. If you have completed all the steps and you are even hesitant to share your public key via slack with me, I will still provide you extra credit if you can show me that you completed those two steps and when you push or pull git doesn't ask for any credentials.***