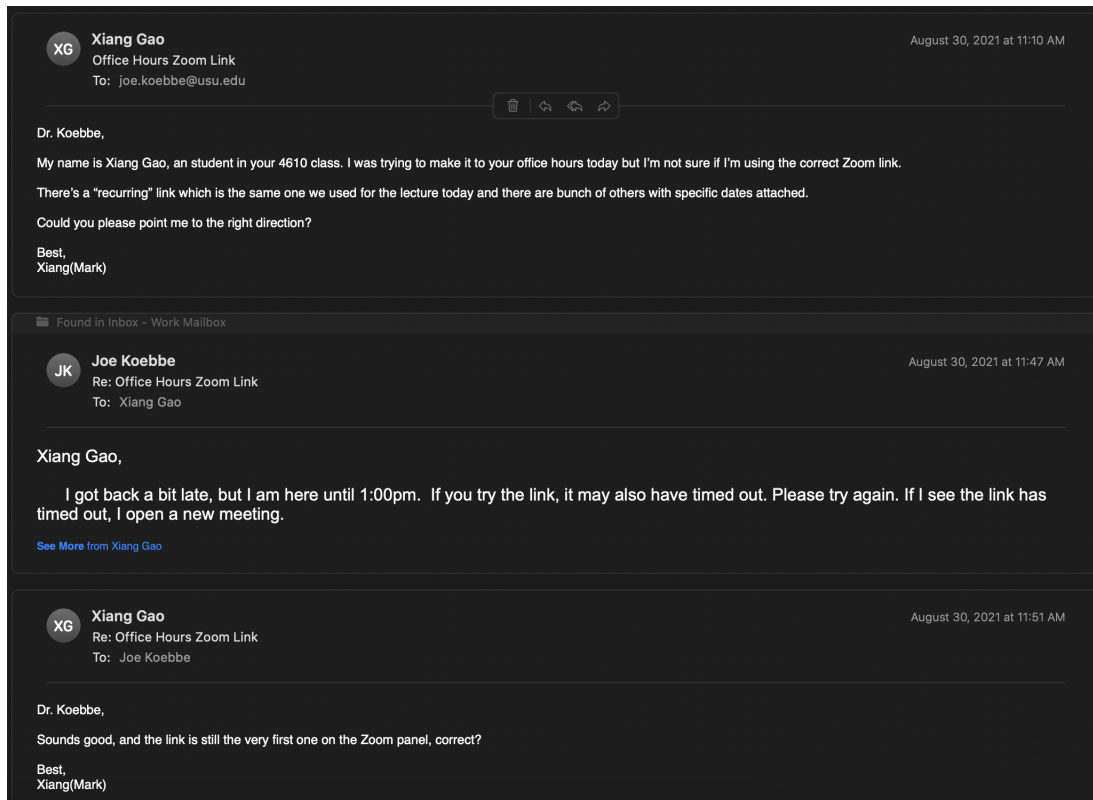


# 1 Task 1

I have met with the you via zoom on the first day of the class, and the here is a screenshot of the email chain.



# 2 Task 2

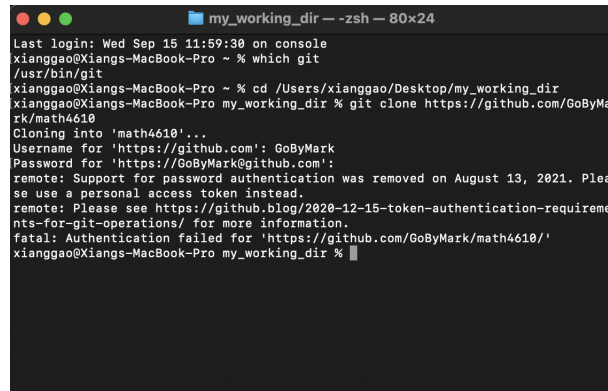
Here's the link, it has also been sent via email.

# 3 Task 3

I will be using the **command window on MacOS**, since it comes natively. This information has also been sent via email.

## 4 Task 4

This has been done, and here is a screenshot of my terminal. After some research, git hub just doesn't want me to clone the repository.



```
my_working_dir -- zsh -- 80x24
Last login: Wed Sep 15 11:59:30 on console
xianggao@Xiangs-MacBook-Pro ~ % which git
/usr/bin/git
xianggao@Xiangs-MacBook-Pro ~ % cd /Users/xianggao/Desktop/my_working_dir
xianggao@Xiangs-MacBook-Pro my_working_dir % git clone https://github.com/GoByMark/math4610
Cloning into 'math4610'...
Username for 'https://github.com': GoByMark
Password for 'https://GoByMark@github.com':
remote: Support for password authentication was removed on August 13, 2021. Please use a personal access token instead.
remote: Please see https://github.blog/2020-12-15-token-authentication-requirements-for-git-operations/ for more information.
fatal: Authentication failed for 'https://github.com/GoByMark/math4610/'
xianggao@Xiangs-MacBook-Pro my_working_dir %
```

## 5 Task 5

I first found the definition of Version Control Systems (VCS) from this website<sup>1</sup>. To my understanding, VCS is a huge step-up from a website called Overleaf. They both originated from the same purpose of collaborative coding, that is, if you accept  $\text{\LaTeX}$  as a form of coding.

However, with VCS, the team members are able to see each and every changes made to the script itself, which in turns,

1. Makes the collaboration process much more efficient;
2. Reduces potential errors and makes the debugging process more enjoyable with its traceability.

Overall, even though I have never tried out any VCS myself, I'm happy to get the exposure I need in this course and be flute in implementing it.

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<sup>1</sup><https://www.geeksforgeeks.org/version-control-systems/>