# 04 Ponder : Weekly Reflection

1. Describe one challenge your team experienced working on the GitHub activity.

Teaching other people in the group

2. What are the advantages to using a version control system like git?

Even though we have one version of code in computer we can create many different version using git hub. It keeps track of all the changes and progress.

3. What is the difference between git and GitHub?

Git is a tool and GitHub is a Git’s version hosting

4. What is the purpose of branching in git?

Sometime you want to try something new without affecting the main branch

5. Imagine you're working as a software developer for someone who doesn't have any experience with programming. How would you describe version control and git to your employer?

Version control is keeping track of your progress. It is basically like a history where you can go back and see what you did. It is also like a time machine where you can go back in history and start from there or pull some activity of past.

6. After completing the assignments this week, what questions do you still have?

I just need a little research and practice.

7. A common git-related interview question is "How do you revert a commit that has already been pushed and made public?". How would you answer that question?

There are few ways to back to our previous commit. The one which I prefer is:

1. Creating a new branch after checking out to specific commit

(git checkout <hash commit value>

1. Or doing undo of a commit using new commit

(git revert b83vdv63 ……. 7sdva53b

8. Of all of the resources and tutorials in this week's assignments, which was the \_most\_ helpful to you and why?

Everything

9. Of all of the resources and tutorials in this week's assignments, which was the \_least\_ helpful to you and why?

Nothing

10. How many hours did you spend on this class this week?

04 Prepare - 1

04 Teach - 1

04 Prove -2

04 Ponder - 2

----------------------------

Total Hours – Around 5