**GitHub Exercise: How to Contribute and Merge Commits to Collaborator’s Repo**

**Individually…**

1. Log into github account
2. Create new repository
   1. Title **“GitIntro\_USERNAME”**
   2. Initiate a README and provide a brief description of repository
3. Start and manage a new branch
4. **“file.txt”** was created during the Unix/Command Line tutorial. Upload **”file.txt”** to your repository.

**Work in pairs or trios…**

1. **“Fork”** partner’s **“GitIntro\_USERNAME”** repo – upper right corner
2. Go to your GitHub home
3. Select **“GitIntro\_USERNAME”**
4. Select partner’s **”file.txt”** and the **“pencil”** icon to edit the file
5. Add in answers to equations
6. Add comment **“updated username.txt added answers”**
7. Select **“create new branch for this commit and start a pull request”**
8. Select **“propose new changes”**
9. On the next page – review changes and if correct, select **“create pull request”**
10. Select **“merge pull request”** > **“commit merge”** > **”delete branch”**
11. Return to **“GitIntro\_USERNAME”** repo and view **”file.txt”** – changes should be merged in your forked repo.
12. Select **“history”** to view changes made

**Individually…**

1. Open your original repo and view file – no changes should be made, let’s merge commits made by contributer
2. Go to forked repo
3. Select **“pull request”**
4. Provide comment, select **“pull”**
5. Should say “this branch has no conflicts with the base branch”, select **“merge pull request”**
6. Select “confirm merge”
7. View file in your repo – You should see update file with your contributor’s commits in the file
8. Clone repo from **asiadmitchell/GitIntro**
9. Contains resources from this workshop