**Remote Repositories:**

* Copy of project stored “in the cloud”
* Creates a backup to share
* Accessible anywhere with internet
* New commands:
  + Git add . (add all files)
* Git push uploads all changes to server
  + Don’t do after every commit

**Branches**

* Different versions of a code
* Allow working on code fixes without breaking things
  + Always work on fixes/features on a branch
* Master branch should only contain clean code ready for use
* Git branch <name> maintain new copy of code with the name
* Git branch lists all branches
  + Branch with asterisk is one currently working on
* Git checkout <branch> switches to certain branch
* Git tracks files in the branches independently
* Git merge \_\_\_\_\_ : combines branch changes to current working branch
* Merge conflict: a file is changed in both branches and is unsure what to keep

1. Github is used to create branches of code that can be worked on separately from the master copy. With these copies, people can work on the same code without causing many issues. The changes can then be combined into one file.
2. Remote repositories: 4. Branches: 4. Merging: 4.
3. I have no further questions
4. I have new glasses. That may not seem that interesting or great, but I really needed it. If that isn’t interesting enough, I got the game Cuphead.