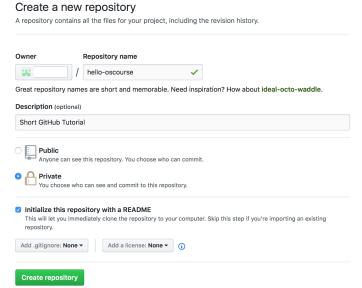
## A VERY Short GitHub Tutorial

- 1. <u>Apply for a student developer pack</u> with your Binghamton email. Here are detail <u>steps</u> of how to apply for a student developer pack on GitHub.
- 2. We will create a remote repository on GitHub. We will clone the remote repository and develop the project locally on our computers.
- 3. Create a private repository using a student's GitHub account.



- 4. If your local machine does not have Git on your Linux machine, please install Git.
  - \$ sudo apt install git
- 5. Clone the private repository from the GitHub to the local machine.
  - \$ git clone https://github.com/<owner>/hello-oscourse.git
  - \$ cd hello-oscourse/
- 6. Check the development branch.
  - \$ git branch
- 7. Develop the project.
- 8. Check the current status of the repository.
  - \$ git status
- 9. Add the changes for the commitment.
  - \$ git add <file01> <file02> ...
- 10. Commit the changes to the local repository.
  - \$ git commit
- 11. Push the changes in the local repository to the remote repository on GitHub.
  - \$ git push origin <your-development-branch>
- 12. Check your commit history.
  - \$ git log

Git and GitHub Learning Resources: https://help.github.com/articles/git-and-github-learning-resources/