A VERY Short GitHub Tutorial

1. **Apply for a student developer pack** with your Binghamton email. Here are detail steps 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.**

   ![Create a repository](https://help.github.com/images/creating-repository-screen.png)

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/](https://help.github.com/articles/git-and-github-learning-resources/)