University of Victoria | Computer Science

HighTechU

Empowering Future Innovators

GitHub and Git

Process

1. Clone Repository or Pull Remote Repository
2. Edit Repository
3. Add edits to Git
4. Commit edits to Git
5. Push edits to Git

Process

Push edits to Git often and daily.

Why? This avoids losing code, forgetting code at “home”, or leaving your teammates behind.

https://www.atlassian.com/git/tutorials/learn-git-with-bitbucket-cloud

Process

git clone https://github.com/name/repo-name.git

or

git pull origin branch-name

git add file-name.txt
git commit -m “Meaningful Message About Edits”
git push origin branch-name

Process

cd repo-name

code .

Group Project

classroom.github.com/g/TR-ollzt

GitHub Project

1. Login to GitHub
2. Accept the Assignment: classroom.github.com/g/TR-ollzt
3. 1 Member Creates a Team
4. Rest of Team Joins the Team
5. Head over to:
   https://github.com/hightechu/hightechu-spring2019-group-project-team-name

GitHub Project

1. Clone the Repo
2. Change into the Repo Directory
3. Create a New Branch (username-assignment2)
4. Create a New Folder (username)
5. Create a New File (username-assignment2.md)
6. Add Files to Git
7. Commit Files to Git
8. Push Files to Git

GitHub Project

1. git clone URL
2. cd repo-name
3. git checkout -b username-assignment2
4. mkdir username
5. touch username/username-assignment2.md
6. git add .
7. git commit -m “Create folder and file for assignment 2”
8. git push origin username-assignment2

Questions?