**Configure Git**

* download git and install
* create an account with github account

**run the commands on terminal**

* git config --global user.email "your@gmail.com"
* git config --global user.name "username"

**Adding your Origin Repository (i.e the one online)**

git remote add origin [https://github.com/<organization>/<repo>.git](https://github.com/%3corganization%3e/%3crepo%3e.git)

**View the configured values and confirm the URLs are correct**

git remote –v

**Work Flow**

Fork the Project on github

1. after setting up your github account and making all the necessary configurations, you will need to clone the template in order to be able to work inside the react environment set up.

**How to Clone a Repo**

Locate the repository you want to clone on your system locally and copy the HTTP url of this type [https://github.com/<github-username>/<repo>.git](https://github.com/%3cgithub-username%3e/%3crepo%3e.git)

* Open where you want to clone your project to by using Command Line /terminal
* run git clone [https://github.com/<github-username>/<repo>.git](https://github.com/%3cgithub-username%3e/%3crepo%3e.git)

2. Using Visual Studio code IDE, use Ctrl+`

* a terminal will open and make sure you are in the folder you cloned from github
* Make sure your laptop is connected to the internet to enable you execute the step below
* run npm install to download all the dependencies into your system

**Do Not Download the github folder project but clone**

**Note:**

You will do this part only once to create your branch name on your github repo both remotely and locally.

* Pushing will be done on everyone's branch
* **'MAIN BRANCH'** will be our default branch to merge with
* your branch name should look like this 'csc-15U-000-name'. The just a word name...

**Pushing your code to Github Repository (i.e the one online)**

git push -u origin Branch Name (master)

**Pushing to repository with branch name**

git push origin main:new-branch-Name = The right new branch name is not existed on your git repository

Pull from origin and create a new local branch together

git checkout --track branchName -b origin/branchName

**Merge**

git merge (BranchName) --allow-unrelated-histories

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**Pull a single branch**

git pull origin (BranchName)

git log --pretty=oneline