1. Sign up for the github account.

2. Create public repository.

3. Copy the URL of the public repo.

4. Install git client on your system.

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     # sudo apt-get install git (Ubuntu) or

     # yum install git (Centos) or

      - Download and install git for windows

[https://git-scm.com/download/](https://git-scm.com/download/win)

5. Clone git repository on your local system

     # git clone <Git Repo URL>

6. Create few directories and files in the Repo directory. (Directories should not be empty)

7. Go inside the repo directory

    # cd <Repo name>

8. Update the index using the current content found in the working tree.

  # git add .

9.  Stores the current contents of the index in a new commit along with a log message from the user describing the changes.

   # git commit -m "<Put some message>"

10. Push the changes to the github.

    # git push origin master

11. Make changes to some files from github UI and pull the changes back to the local repo

    # git pull

12. Create new branch from master branch and pull the changes again to local repo.

    # git pull

    Switch to new branch

    # git status (Shows the current branch)

    # git checkout <branch name>

    # git status

13. Make some changes to files and push it back to the latest branch

     # git add .

     # git commit -m "<Some message>"

     # git push origin <branchname>

Explore the UI as much as you can, check histories, commits, changes, content of files, edit file content, create multiple repositories.

Go through the below mentioned git repo and explore it, once your are through with above exercise

[https://github.com/wakaleo/gamgit](https://github.com/wakaleo/game-of-life.git)