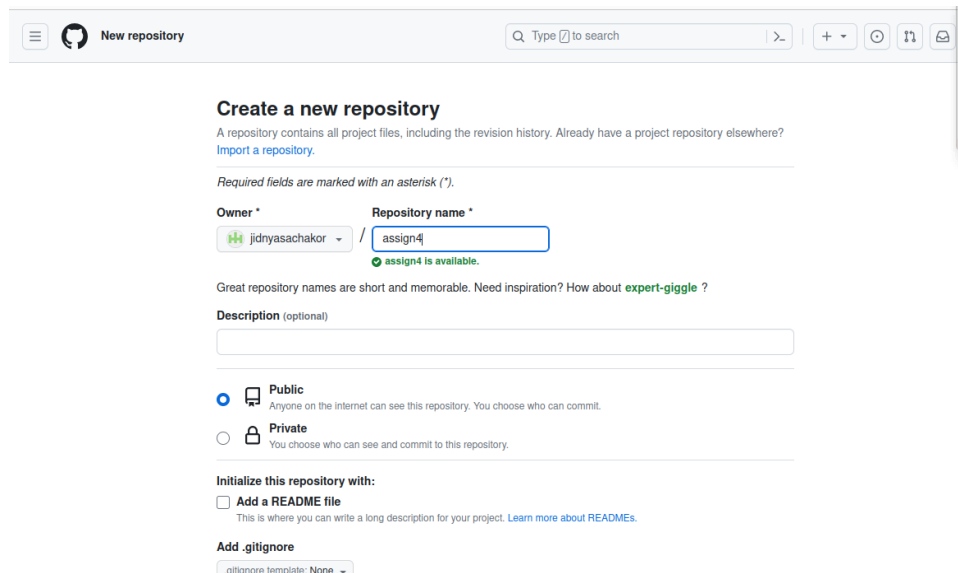


Assignment 4- Git commands

1. Create a Repository and do all the commands (git clone, git add, git commit, git push)





Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner * **Repository name ***

 jldnyasachakor / assign4

 assign4 is available.

Great repository names are short and memorable. Need inspiration? How about [expert-giggle](#) ?

Description (optional)

☒ **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐ **Private**
You choose who can see and commit to this repository.

Initialize this repository with:

☐ **Add a README file**
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: **None**

```
jldnyasa@jldnyasa:~/Desktop$ mkdir assign4
jldnyasa@jldnyasa:~/Desktop$ cd assign4
jldnyasa@jldnyasa:~/Desktop/assign4$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/jldnyasa/Desktop/assign4/.git/
jldnyasa@jldnyasa:~/Desktop/assign4$ git remote add origin https://github.com/jldnyasachakor/assign4.git
jldnyasa@jldnyasa:~/Desktop/assign4$ git clone https://github.com/jldnyasachakor/assign4.git
Cloning into 'assign4'...
warning: You appear to have cloned an empty repository.
jldnyasa@jldnyasa:~/Desktop/assign4$ nano 1.txt
jldnyasa@jldnyasa:~/Desktop/assign4$ git add 1.txt
jldnyasa@jldnyasa:~/Desktop/assign4$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   1.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        assign4/

jldnyasa@jldnyasa:~/Desktop/assign4$
```

```

jidnyasa@jidnyasa:~/Desktop/assgn4$ git commit -m "First commit"
[master (root-commit) 3f7ed21] First commit
1 file changed, 3 insertions(+)
create mode 100644 1.txt
jidnyasa@jidnyasa:~/Desktop/assgn4$ git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/jidnyasachakor/assign4.git'
jidnyasa@jidnyasa:~/Desktop/assgn4$ git push origin master
Username for 'https://github.com': jidnyasachakor
Password for 'https://jidnyasachakor@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 222 bytes | 222.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/jidnyasachakor/assign4.git
 * [new branch]      master -> master
jidnyasa@jidnyasa:~/Desktop/assgn4$ git pull
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.

    git pull <remote> <branch>

If you wish to set tracking information for this branch you can do so with:

    git branch --set-upstream-to=origin/<branch> master

jidnyasa@jidnyasa:~/Desktop/assgn4$ git log
commit 3f7ed21c12d3bf9e859cbcc12404c06aa45c6fa9 (HEAD -> master, origin/master)
Author: jidnyasachakor <jidnyasachakor@outlook.com>
Date:   Mon Sep 18 14:40:53 2023 +0530

    First commit
jidnyasa@jidnyasa:~/Desktop/assgn4$

```

The screenshot shows a web browser displaying the GitHub repository page for 'assign4' by user 'jidnyasachakor'. The page includes a header with the repository name and user profile, a navigation bar with links to Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the navigation bar, there are buttons for Pin, Unwatch (1), Fork (0), Star (0), and a dropdown menu. The main content area shows the repository's commit history, with a single commit titled 'First commit' by 'jidnyasachakor' at 3f7ed21, 21 minutes ago. The commit details show a file named '1.txt' with the message 'First commit'. A blue banner at the bottom of the commit list encourages adding a README. On the right side, there are sections for 'About' (No description, website, or topics provided), 'Activity' (0 stars, 1 watching, 0 forks), 'Releases' (No releases published, Create a new release), and 'Packages' (No packages published, Publish your first package).

2. Show the difference between push and pull command.

Ans: Push command is used to move changes from the local repository to the remote, and to bring them to the local from the remote, we use pull command.

```
jidnyasa@jidnyasa:~/Desktop/assgn4$ git push origin master
Username for 'https://github.com': jidnyasachakor
Password for 'https://jidnyasachakor@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 222 bytes | 222.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/jidnyasachakor/assign4.git
 * [new branch]      master -> master
jidnyasa@jidnyasa:~/Desktop/assgn4$ git pull
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.

    git pull <remote> <branch>

If you wish to set tracking information for this branch you can do so with:

    git branch --set-upstream-to=origin/<branch> master
```

3. Create a new branch "Developer" and do all the commands.

```
jidnyasa@jidnyasa:~/Desktop/assgn4$ git branch Developer
jidnyasa@jidnyasa:~/Desktop/assgn4$ git log
commit 3f7ed21c12d3bf9e859cbcc12404c06aa45c6fa9 (HEAD -> master, origin/master, Developer)
Author: jidnyasachakor <jidnyasachakor@outlook.com>
Date: Mon Sep 18 14:40:53 2023 +0530

    First commit
jidnyasa@jidnyasa:~/Desktop/assgn4$ git checkout Developer
Switched to branch 'Developer'
jidnyasa@jidnyasa:~/Desktop/assgn4$ git log
commit 3f7ed21c12d3bf9e859cbcc12404c06aa45c6fa9 (HEAD -> Developer, origin/master, master)
Author: jidnyasachakor <jidnyasachakor@outlook.com>
Date: Mon Sep 18 14:40:53 2023 +0530

    First commit
jidnyasa@jidnyasa:~/Desktop/assgn4$ git merge Developer
Already up to date.
jidnyasa@jidnyasa:~/Desktop/assgn4$
```

```
First commit
jidnyasa@jidnyasa:~/Desktop/assign4$ nano 2.txt
jidnyasa@jidnyasa:~/Desktop/assign4$ git merge Developer
Already up to date.
jidnyasa@jidnyasa:~/Desktop/assign4$ git add 2.txt
jidnyasa@jidnyasa:~/Desktop/assign4$ git status
On branch Developer
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   2.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    assign4/

jidnyasa@jidnyasa:~/Desktop/assign4$ git commit -m "Second commit"
[Developer d98dbec] Second commit
1 file changed, 2 insertions(+)
create mode 100644 2.txt
jidnyasa@jidnyasa:~/Desktop/assign4$ git push origin Developer
Username for 'https://github.com': jidnyasachakor
Password for 'https://jidnyasachakor@github.com':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 276 bytes | 138.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'Developer' on GitHub by visiting:
remote:   https://github.com/jidnyasachakor/assign4/pull/new/Developer
remote:
To https://github.com/jidnyasachakor/assign4.git
 * [new branch]      Developer -> Developer
jidnyasa@jidnyasa:~/Desktop/assign4$
```

← → ↺

https://github.com/jidnyasachakor/assign4/tree/Developer

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jidnyasachakor / assign4

Q Type 🔍 to search

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<> Code Issues 🏠 Pull requests ⚙️ Actions 📁 Projects 📖 Wiki 🔒 Security ↩️ Insights ⚙️ Settings

🌱 assign4 Public

📌 Pin 🔒 Unwatch 1 🍴 Fork 0 ⭐ Star 0

🔗 Developer had recent pushes 26 minutes ago

Compare & pull request

🔗 Developer 2 branches 0 tags

Go to file Add file <> Code

This branch is 1 commit ahead of master.

🏠 Contribute

🌱 jidnyasachakor Second commit d98dbec 26 minutes ago 2 commits

1.txt First commit 1 hour ago

2.txt Second commit 26 minutes ago

Help people interested in this repository understand your project by adding a README.

Add a README

About

No description, website, or topics provided.

🏠 Activity

⭐ 0 stars

👁 1 watching

🍴 0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

☰

jidnyasachakor / assign4

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<> Code Issues 🏠 Pull requests ⚙️ Actions 📁 Projects 📖 Wiki 🔒 Security 📊 Insights ⚙️ Settings

Pulse

Contributors

Community

Community Standards

Traffic

Commits

Code frequency

Dependency graph

Network

Forks

Network graph

Timeline of the most recent commits to this repository and its network ordered by most recently pushed to.

Owners	Sep 18
jidnyasachakor	<div><div>👤</div><div>🔗</div><div>🔗</div></div>

