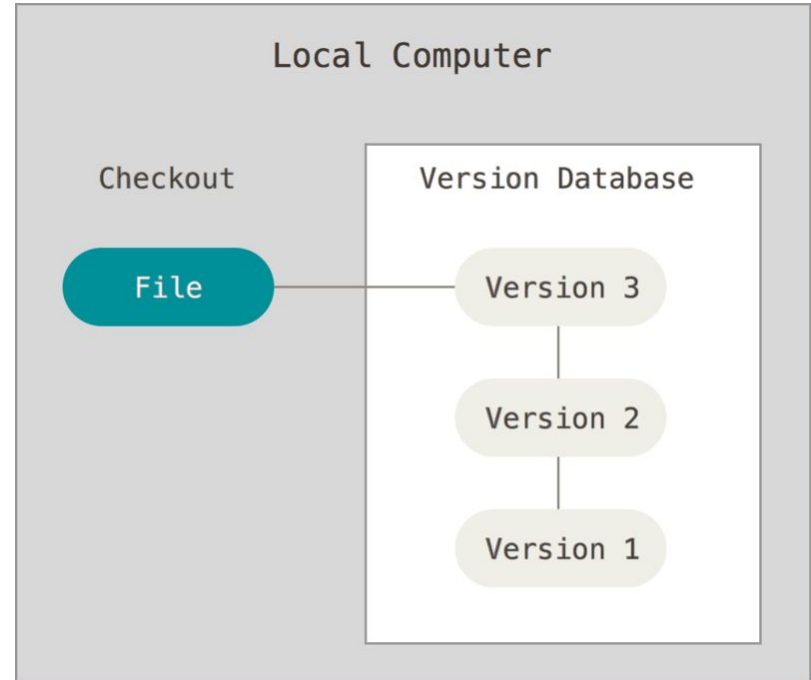


Playing with Git

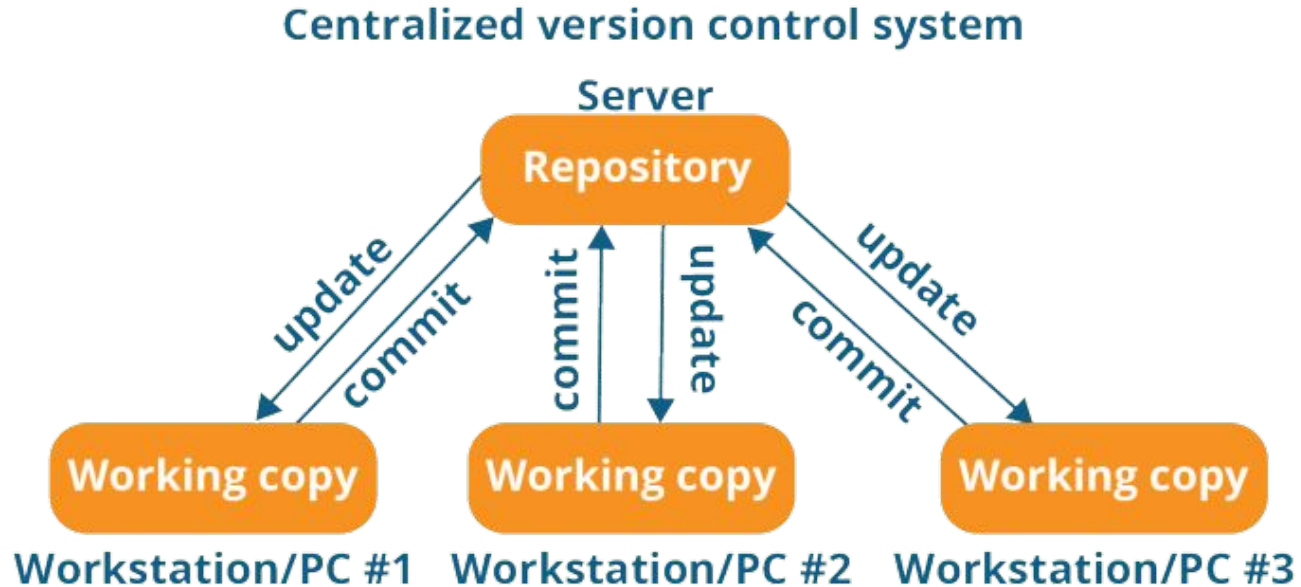


Version Control System(VCS)

A system that records changes to a file or set of files over time so that you can recall specific versions later

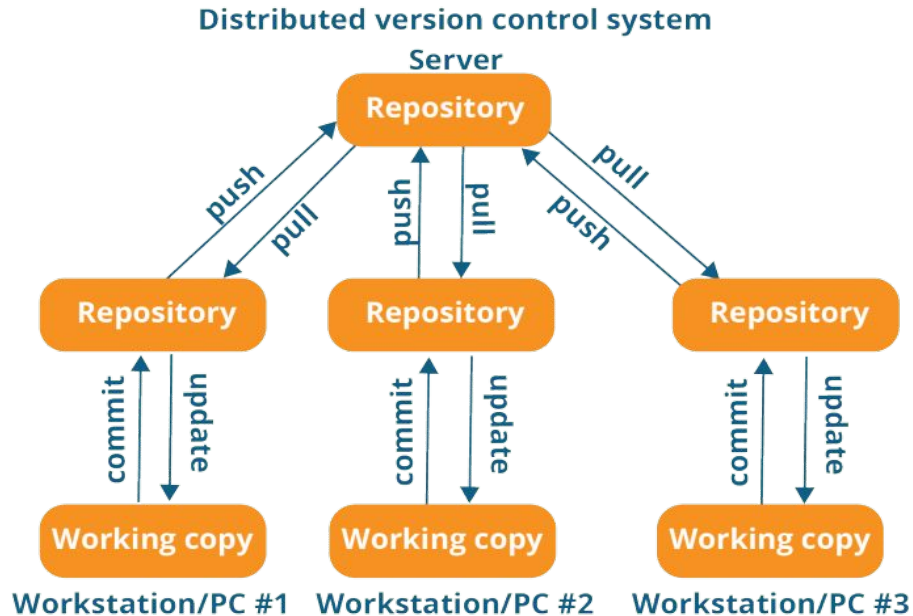


Centralized VCS



Uses a central server to store all files

Distributed VCS



Every contributor has a local copy or “clone” of the main repository

What is Git ?

A distributed version-control system for tracking changes in source code during software development.

GIT DOESN'T DELETE

Git generally only adds data

If you mess up, you can
usually recover your stuff





GitHub is a web-based that offers a
cloud-based Git repository hosting
service

Repository

A repository is like a folder for your project.

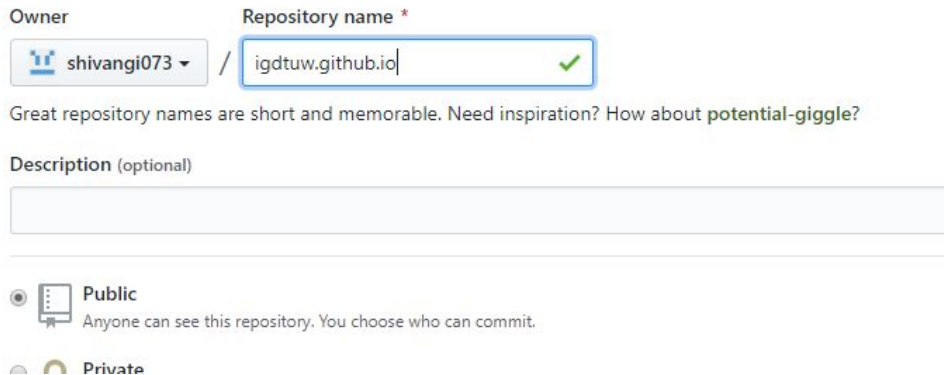
Let's get started !

Host your projects on Github.io

Step 1: Head over to **Github.com** and create a new repository with the name

[username].github.io

Or the domain name with which you want to host the project



The screenshot shows the GitHub repository creation interface. At the top, there are two input fields: 'Owner' and 'Repository name *'. The 'Owner' field contains the username 'shivangi073' with a dropdown arrow. The 'Repository name *' field contains 'igdtuw.github.io' and is highlighted with a blue border and a green checkmark. Below these fields, a message reads: 'Great repository names are short and memorable. Need inspiration? How about potential-giggle?'. Underneath is a 'Description (optional)' text area. At the bottom, there are two radio button options for repository visibility: 'Public' (selected) and 'Private'.

Owner: shivangi073

Repository name *: igdtuw.github.io

Great repository names are short and memorable. Need inspiration? How about potential-giggle?

Description (optional)

☒ Public
Anyone can see this repository. You choose who can commit.

☐ Private

Step 2. Get the **URL of your existing repository** which you wish to host. It will import your code.

Import your project to GitHub

Import all the files, including the revision history, from another version control system.

Your old repository's clone URL

<https://github.com/shivangi073/ISCCweb19>

Learn more about the types of [supported VCS](#).

Your existing repository

 shivangi073/igdtuw.github.io

[Change repository](#)

[Cancel](#)

[Begin import](#)

Step 3. In this repository page , Go to **settings**

shivangi073 / igdtuw.github.io

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Security Insights Settings

No description, website, or topics provided. [Edit](#)

[Manage topics](#)

7 commits 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find File Clone or download

Step 4 :

Scroll down to github pages .
Mark source as master
branch and custom domain
as the domain you wish to
set for your website.

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

✓ Your site is published at <https://shivangi073.github.io/igdtuw.github.io/>

Source

Your GitHub Pages site is currently being built from the master branch. [Learn more.](#)

master branch ▾

Theme Chooser

Select a theme to publish your site with a Jekyll theme. [Learn more.](#)

Choose a theme

Custom domain

Custom domains allow you to serve your site from a domain other than shivangi073.github.io. [Learn more.](#)

igdtuw

Save

Github

Student Developer Pack



Cisco
thing**Q**uator

Reach Us At



Avishi Goyal

<https://github.com/goyalavishi>

<https://www.linkedin.com/goyalavishi>



Shivangi Mishra

<https://github.com/shivangi073>

<https://www.linkedin.com/in/shivangi-mishra-29649a156>

Step 1 : Download and install git for desktop. Set notepad++ as default editor for rest keep the default settings.

Step 2 : Go to the home directory (C drive)

```
cd /c
```

Step 3: create a folder named git . Move to this folder

```
cd git/
```

Step 4: Create a new Repository on github account which gives a URL for repository . Copy that url to clipboard.

Step 5: Configure your github account on your Desktop.

```
git config --global user.name "Your user name"
```

```
git config --global user.email "Your github email id "
```

Step 6 : Clone the repository using the URL path

```
git clone "Copied URL"
```

Step 7 : move inside this newly created folder .

```
cd foldername
```

Step 8: check status of git files.

```
git status
```

Step 9: whenever you make any changes to this folder on your desktop you need to commit those changes on the github repository.

```
git commit -m "Commit msg" filename
```

Eg . git commit -m "first commit " index.html

Step 10 : push the file to github account

```
git push -u origin master
```