



**Task - 1**

# **Professional Portfolio**

# Project Introduction

A professional portfolio is a tool judiciously and carefully crafted to appropriately showcase the work of a professional while providing evidence of career growth. It is **NOT** simply a gathering of all the lesson plans, papers, and assignments completed during a designated time period that has been placed in a notebook/scrapbook. Campbell, Cignetti, Melenyzer, Nettles, and Wyman (1997) defined a portfolio as being an organized goal-driven exhibit providing evidence of understanding and performance. As a candidate in Darden College of Education's teacher preparation program, the portfolio you develop is an evolving structure that will help document growth over time. It promotes self-analysis and critical reflection in ways that help you understand the complexities of teaching. Serving as a thread that weaves all parts of the teacher preparation program together, the portfolio helps you integrate knowledge and basic skills from across diverse courses and experiences during your years of study. The portfolio process allows you, as well as your instructors, to visualize the entire conceptual framework of teacher as professional educator with all the diverse theoretical and practical activities that shape learning.

**Campus Name :-** Ajeenkya DY Patil University Pune

**Name :-** Devendra Singh

**Batch :-** Bachelors's In Computer Application (BCA)

**Year :-** 1<sup>st</sup> year

**URN :-** 2022-B-09072004C

# TASK - 1

## Creation Of SRS & GitHub

### 1. Create SRS : “Professional Portfolio”

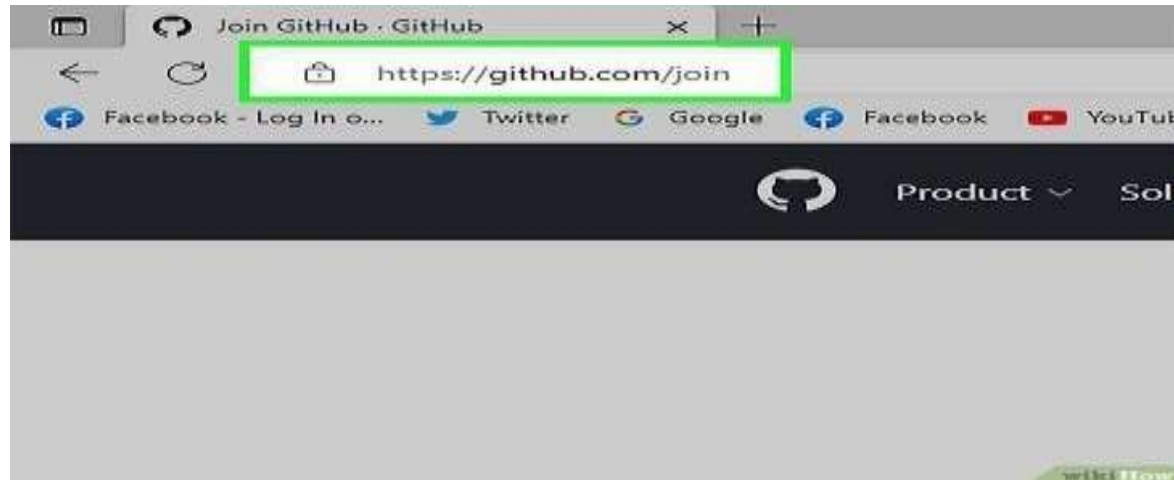
#### System Requirements Specification(SRS)

**Requirements :-** GitHub requires users to have a valid email address, a username, and a password. Additionally, users must agree to the GitHub Terms of Service and Privacy Policy. GitHub also requires users to have a valid payment method on file in order to access certain features.

**Specification :-** GitHub specifications include the ability to store and manage code, track and manage issues, review code, and collaborate with other users. Additionally, GitHub offers features such as project management, code review, and integration with other tools. GitHub also offers a range of security features, including two-factor authentication, encryption, and access control.

# Creation & Set-up of GitHub Account

1. Go to **<https://github.com/join>** in a web browser. You can use any web browser on your computer, phone, or tablet to join. Before you can create branches or make any pull requests, you'll need an account. Some ad blockers, including uBlock Origin, prevent GitHub's verification CAPTCHA puzzle from appearing. For best results, disable your web browser's ad blocker when signing up for GitHub.



2. Enter your personal details. In addition to creating a username and entering an email address, you'll also have to create a password. Your password must be at least 15 characters in length or at least 8 characters with at least one number and lowercase letter.

Join GitHub

## First, let's create your user account

**Username \***

 ✓

**Email address \***

**Password \***

 ✓

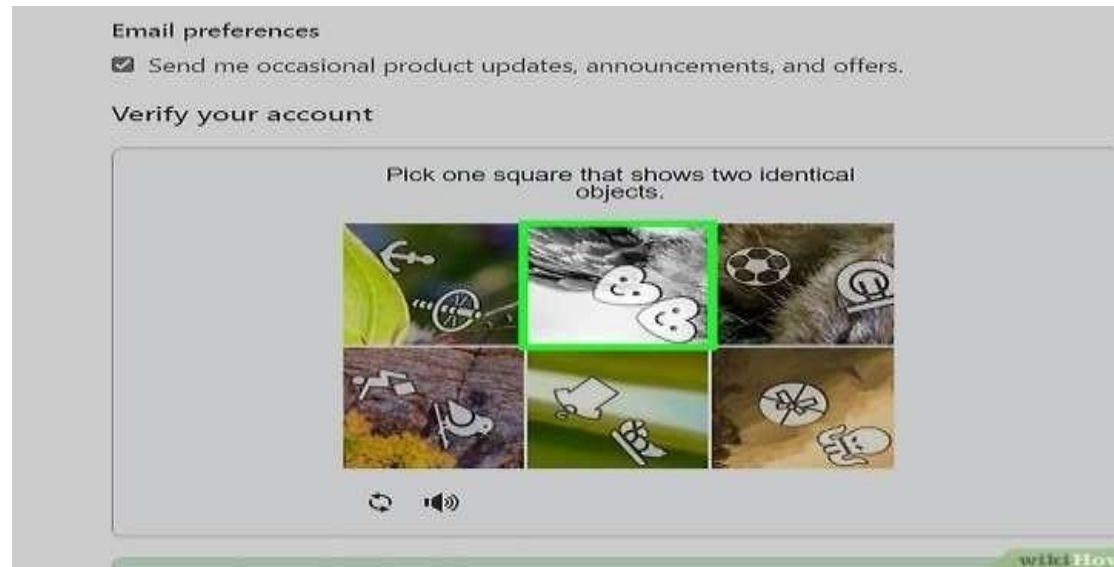
Make sure it's at least 15 characters OR at least 8 characters including a number and a lowercase letter.  
[Learn more.](#)

**Email preferences**

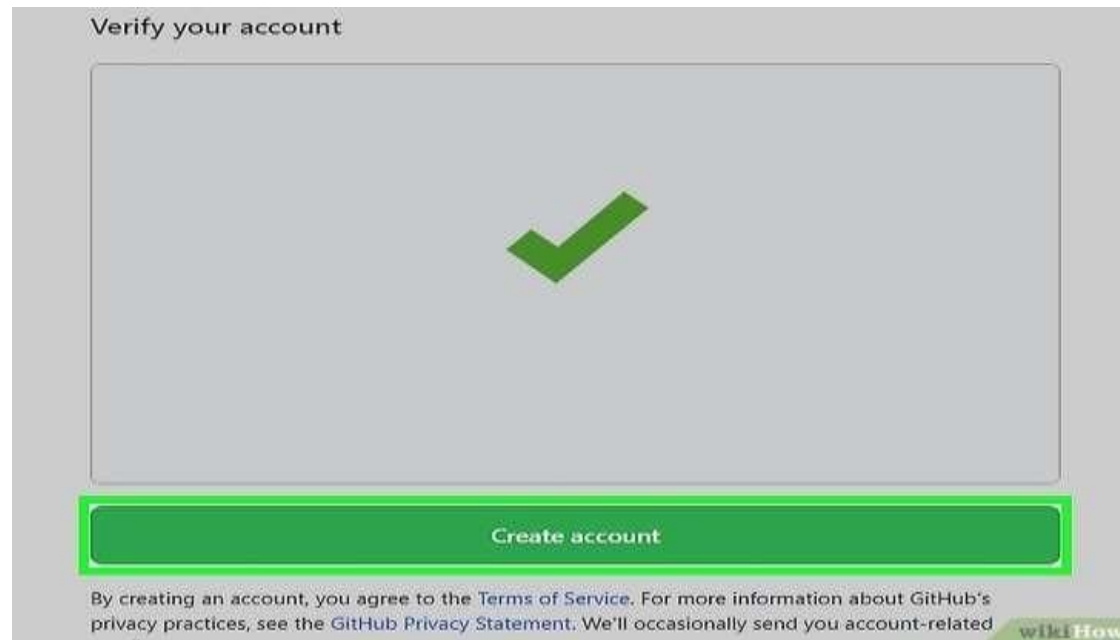
☒ Send me occasional product updates, announcements, and offers.

**Verify your account**

3. Click Verify to start the verification puzzle. The instructions vary by puzzle, so just follow the on-screen instructions to confirm that you are a human. A green checkmark will appear after completing the puzzle. You can switch to an audio challenge by pressing the speaker button under the Verify button. If you see an error that says "Unable to verify your captcha response," it's because your web browser's ad blocking extension prevented the CAPTCHA puzzle from appearing. Disable all ad-blocking extensions, refresh the page, and then click VERIFY to start the CAPTCHA.

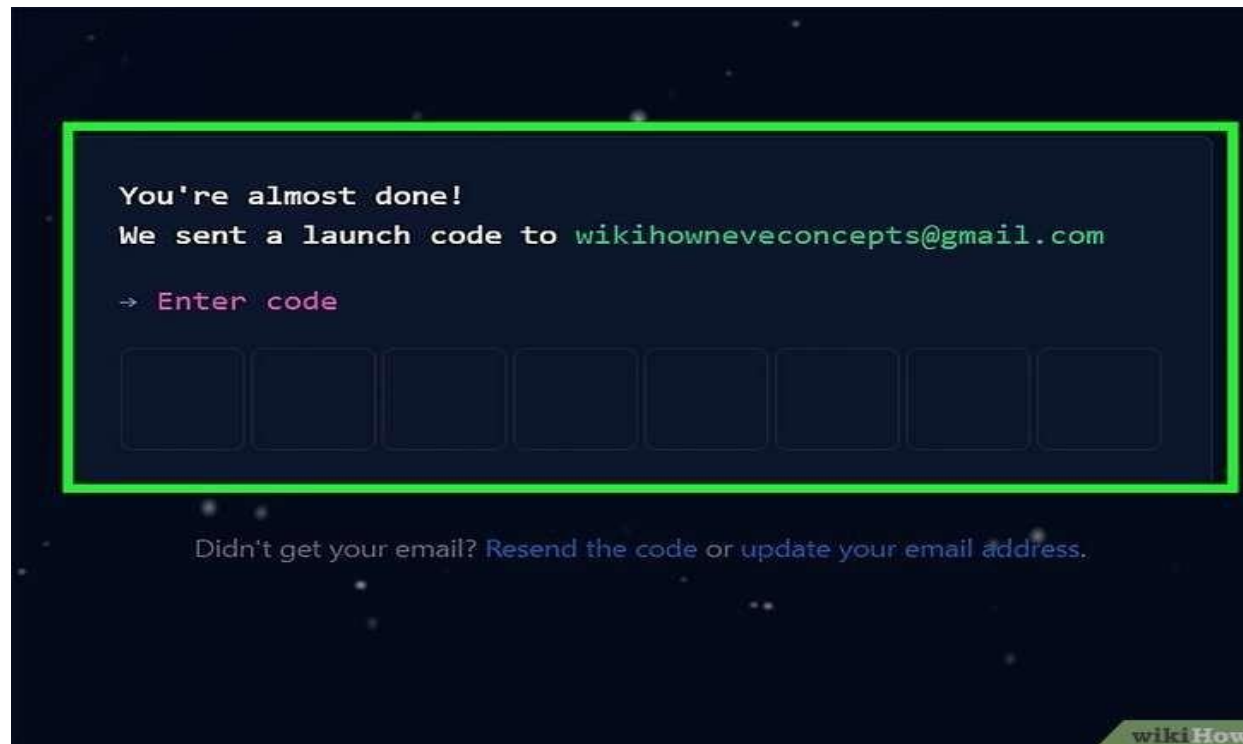


4. Click the green Create account button. It's below the form, at the bottom of the page. This will take you to an email verification page. Carefully review the Terms of Service at <https://help.github.com/en/articles/github-terms-of-service> and the Privacy Statement at <https://help.github.com/en/articles/github-privacy-statement> before you continue. Continuing past the next step confirms that you agree to both documents.

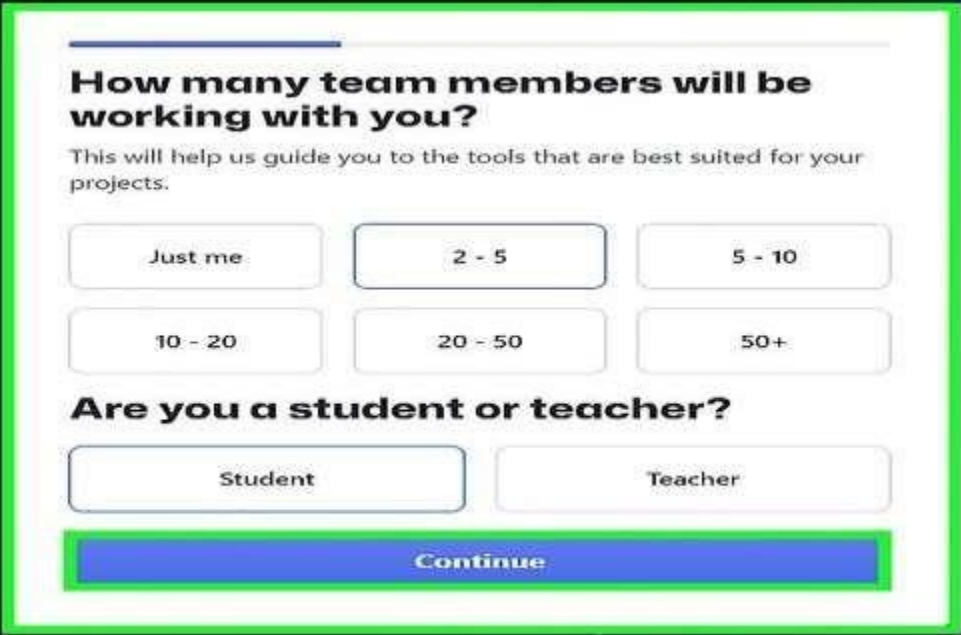




5. Verify your email by entering the code. After clicking Create account, you'll receive an email with a code. Enter this code on the verification page. Entering the code will automatically take you to the welcome page.



6. Select your preferences and click Continue. GitHub displays a quick survey that can help you tailor your experience to match what you're looking for. You'll be sent to the plan selection page after completing the survey. You can skip this survey by clicking Skip personalization at the bottom of the page. Clicking this will take you directly to your GitHub dashboard page with a free account. You can sign up for GitHub Pro at any time.



The image shows a GitHub onboarding survey form with a green border. The form is set against a dark blue background with white stars. It contains two sections: 'How many team members will be working with you?' and 'Are you a student or teacher?'. The first section has six radio button options: 'Just me', '2 - 5', '5 - 10', '10 - 20', '20 - 50', and '50+'. The second section has two radio button options: 'Student' and 'Teacher'. A blue 'Continue' button is at the bottom. A 'wikiHow' logo is visible in the bottom right corner of the image.

**How many team members will be working with you?**

This will help us guide you to the tools that are best suited for your projects.

☐ Just me ☐ 2 - 5 ☐ 5 - 10

☐ 10 - 20 ☐ 20 - 50 ☐ 50+

**Are you a student or teacher?**

☐ Student ☐ Teacher

[Continue](#)

wikiHow

7. Note the types of plans offered by GitHub. There are a few different plans to choose from, varying in the amount of features provided.

**Free:** Unlimited public and private repositories, up to 3 collaborators, issues and bug tracking, and project management tools.

**Pro:** Unlimited access to all repositories, unlimited collaborators, GitHub email support, and advanced insight tools.

**Team:** All of the aforementioned features, plus team access controls and user management.

**Enterprise:** All of the features of the Team plan, plus self-hosting or cloud hosting, priority support, single sign-on support, and more.

The screenshot shows the GitHub website with a dark blue background and a green border around the plan comparison section. The header reads "Learn to ship software like a pro." and "GitHub gives students free access to the best developer tools so they can learn by doing." Below this, there are two columns of features. The left column is titled "Free" and lists: "Unlimited public/private repositories", "2,000 CI/CD minutes/month (Free for public repositories)", "500MB of Packages storage (Free for public repositories)", "120 core-hours of Codespaces compute", "15GB of Codespaces storage", and "Community support". The right column is titled "Get additional student benefits" and "GitHub Pro", and lists: "Protect your branches (Ensure that collaborators on your repository cannot make irrevocable changes to branches)", "Draft pull requests", "Pages and Wikis", "3,000 CI/CD minutes/month (Free for public repositories)", "2GB of Packages storage (Free for public repositories)", "180 core-hours of Codespaces compute", "20GB of Codespaces storage", and "Web-based support".

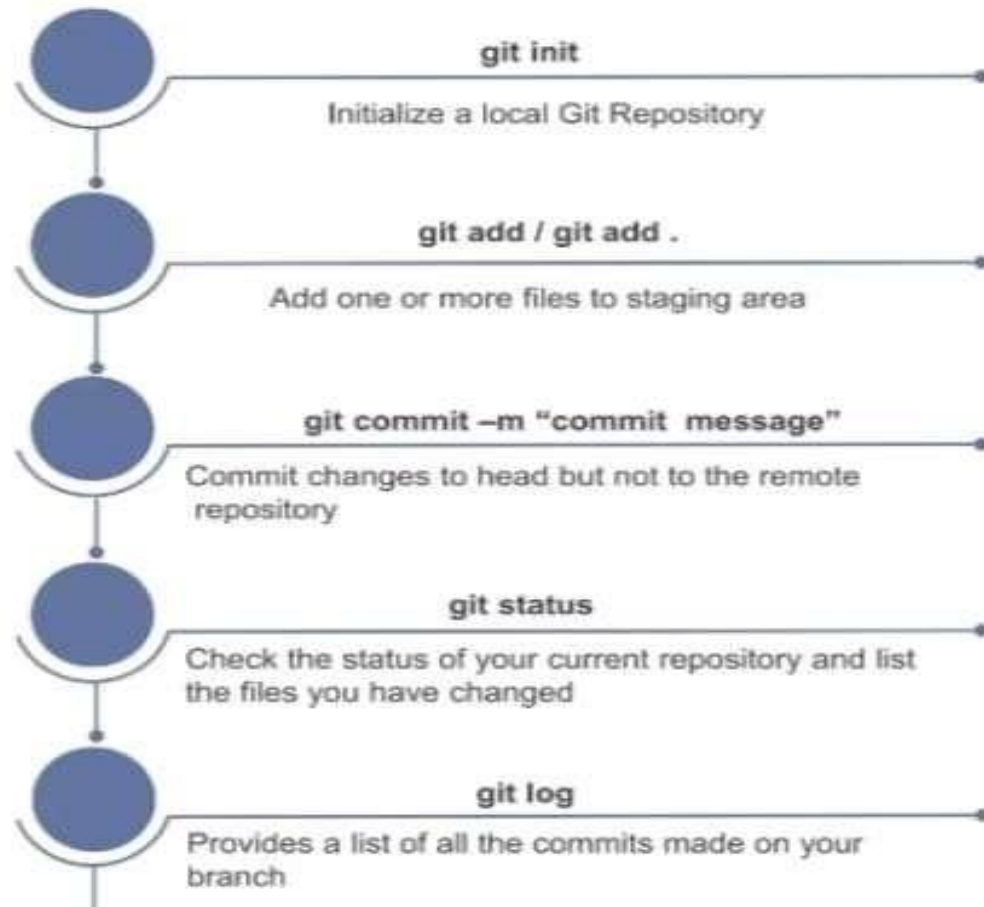
Free	Get additional student benefits GitHub Pro
Unlimited public/private repositories	Protect your branches <small>Ensure that collaborators on your repository cannot make irrevocable changes to branches</small>
2,000 CI/CD minutes/month <small>Free for public repositories</small>	Draft pull requests
500MB of Packages storage <small>Free for public repositories</small>	Pages and Wikis
120 core-hours of Codespaces compute	3,000 CI/CD minutes/month <small>Free for public repositories</small>
15GB of Codespaces storage	2GB of Packages storage <small>Free for public repositories</small>
Community support	180 core-hours of Codespaces compute
	20GB of Codespaces storage
	Web-based support

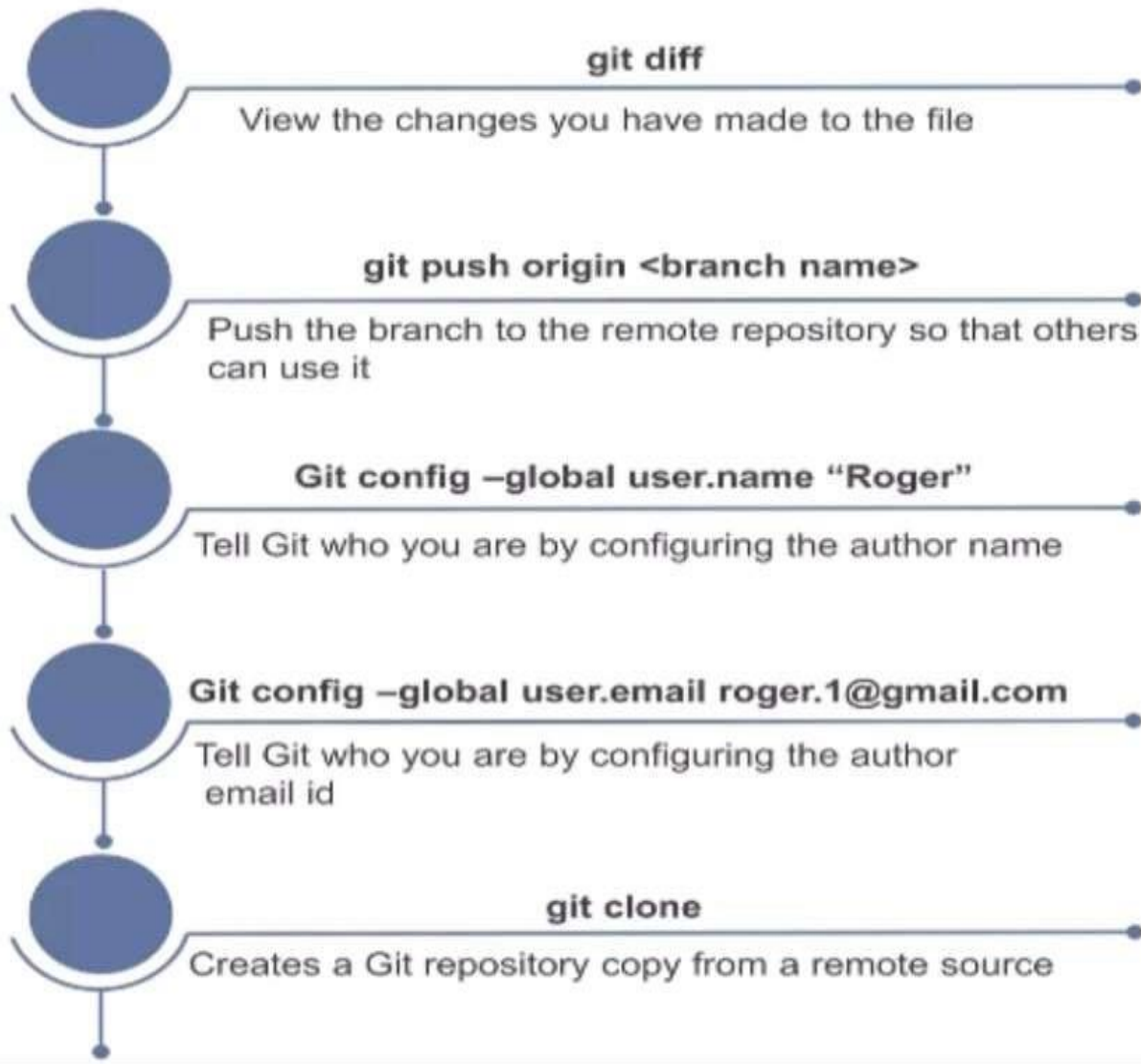
8. Select the free plan. On the plan selection page, scroll down to click the button for choosing a free plan. This will immediately take you to your GitHub dashboard. You're ready to download some directories and repositories, or download a file. If you choose a paid plan, you'll have to enter your payment information as requested before you can continue. If you want to upgrade your Github account in the future, click the menu at the top-right corner, select Settings, and choose Billing and plans to view your options.

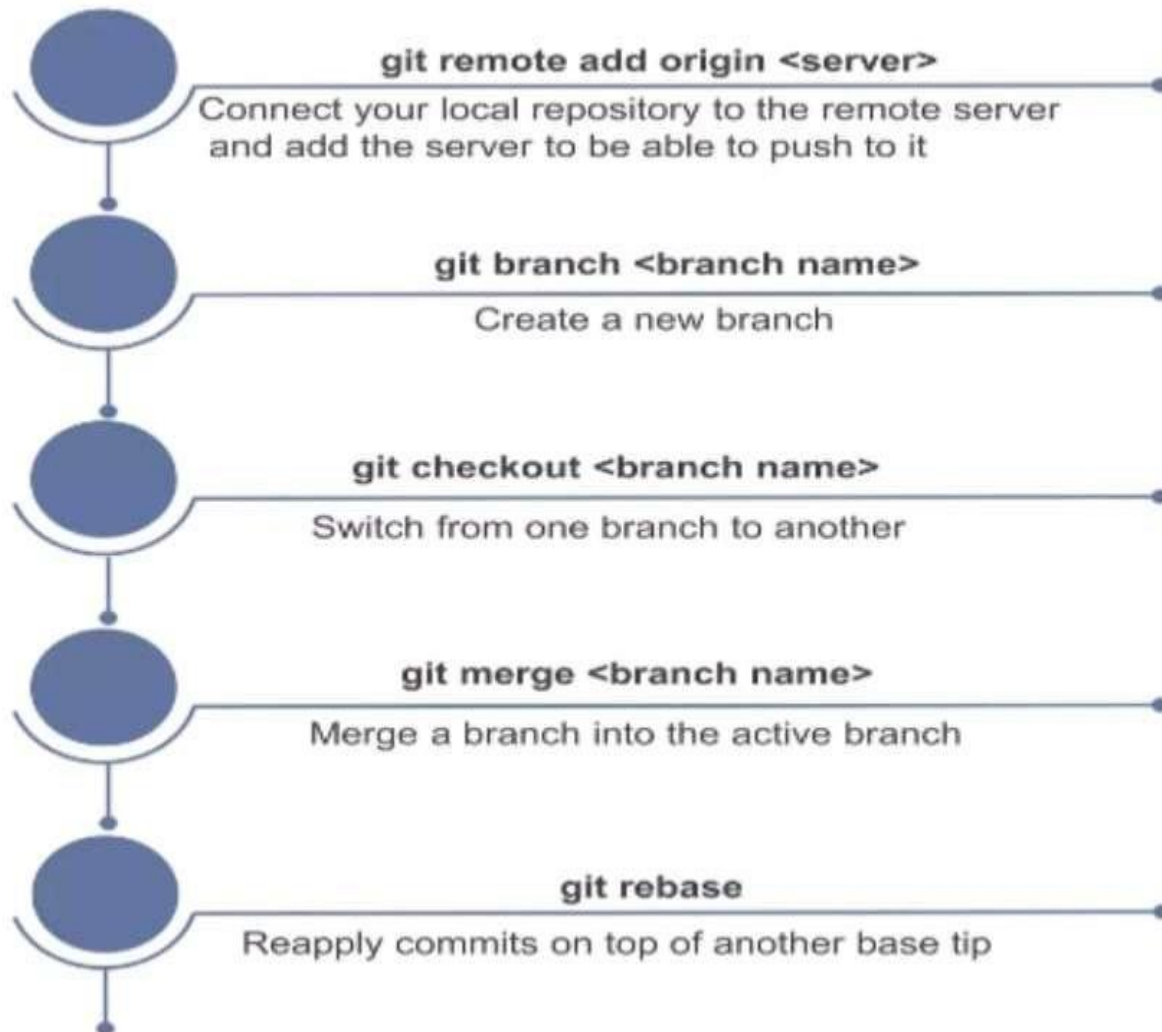


# Creation & Hands-on to various commands

## Git Bash







# Step-Wise Description

**Step-1 :-** Open <https://github.com> in a web browser, and then select Sign up.

**Step-2 :-** Enter your email address.

**Step-3 :-** Create a password for your new GitHub account, and Enter a username.

Next, choose whether you want to receive updates and announcements via email, and then select Continue.

**Step-4 :-** Verify your account by solving a puzzle.

**Step-5 :-** After you verify your account, click on Create account button.

**Step-6 :-** then GitHub sends a launch code to your email address. Type that launch code in the dialog box, and then press Enter.

**Step 7 :-** Select your preferences and click Continue.

like how many team members will be working with you ? , Are you a student or teacher ?

**Step 8 :-** choose free plan or premium according to your need.



# Summary of your task

GitHub is a platform that allows developers to host and share their code, collaborate with others, and contribute to open-source projects.

To create a GitHub account, follow these steps :-

1. Go to the GitHub website and click the "Sign up" Button. Enter your email address, a username, and a strong password.
2. Verify your email address by clicking the link in the email sent by GitHub.
3. Choose a plan - you can select either the free plan or a paid plan with additional features.
4. Once your account is created, you can create repositories to store your code, join or create organizations to collaborate with others, and contribute to open-source projects.
5. It's a good idea to customize your profile by adding a profile picture, bio, and other relevant information. You can also download and install Github, the version control system that GitHub uses, to manage your code locally on your computer.

My GitHub Account Link:-

<https://github.com/DevendraSingh7465>