GitHub is a web-based platform designed to help developers collaborate on projects and manage their code. It provides a centralized location for storing and sharing code, making it easier for multiple people to work together on the same project.

Here are the key reasons why developers use GitHub:

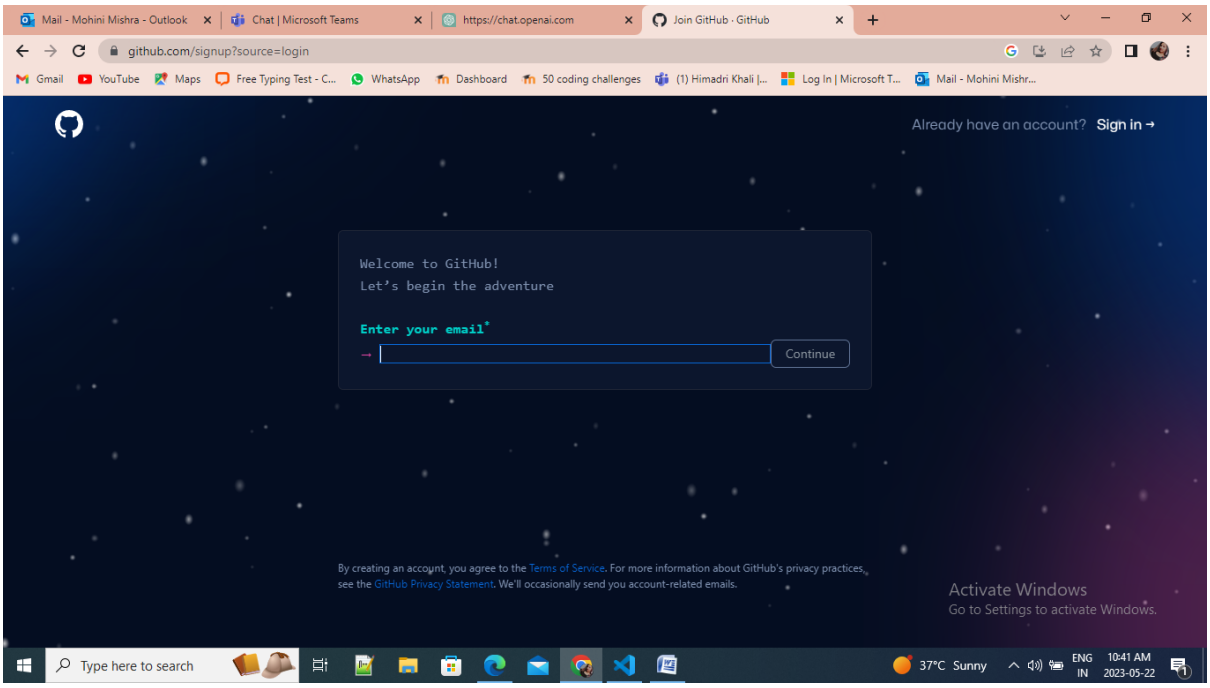
1. **Version Control:** GitHub uses a technology called Git, which allows you to track changes in your code over time. It keeps a record of every modification, allowing you to easily revert back to previous versions if needed.
2. **Collaboration:** GitHub enables multiple developers to work on the same project simultaneously. It provides features like pull requests, where you can propose changes to the codebase, have discussions, and review each other's code before merging it into the main project.
3. **Code Sharing:** GitHub serves as a platform to share your code with others. You can make your projects public, allowing anyone to view and contribute to them, or keep them private for personal or team use.
4. **Issue Tracking:** GitHub has a built-in issue tracking system that helps you manage and organize tasks, bugs, or feature requests. This way, you can keep track of what needs to be done, assign tasks, and communicate with your team effectively.

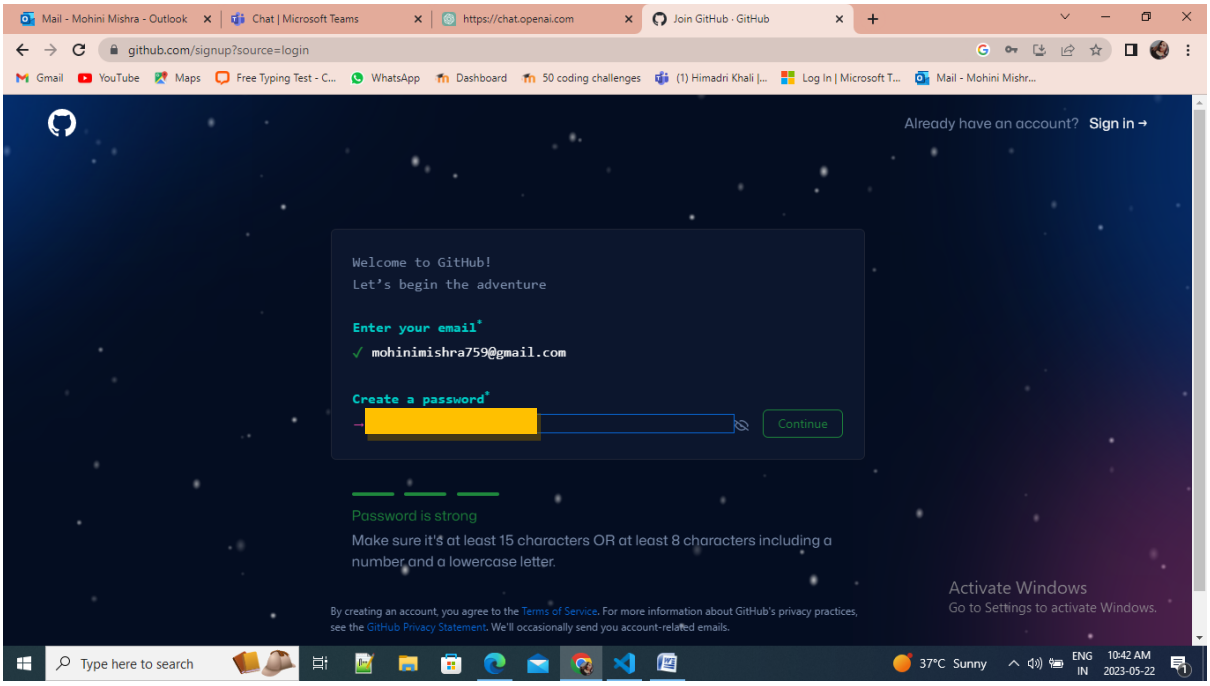
Now, let's walk through the basic steps to get started with GitHub:

1. **Sign up:** Go to the GitHub website (github.com) and create an account. You can choose between a free account and paid plans with additional features.
2. **Create a Repository:** A repository (or repo) is like a project folder where you store **Create a Repository:** your code. Click on the "New" button on the GitHub homepage, give your repo a name, and choose the settings (public or private) as per your preference.
3. **Clone the Repository:** To work on your project locally, you need to make a copy of the repository on your computer. This is called "cloning." Install Git on your computer, open a terminal (command prompt), navigate to the desired directory, and run the command: **git clone <repository URL>**.

4. **Make Changes:** Start making changes to your code using your preferred code editor. Once you're done, save your changes.
5. **Commit Changes:** Committing is like taking a snapshot of your code at a specific point in time. In the terminal, navigate to your repository's directory and run the command: **`git add .`** to stage your changes, then **`git commit -m "your commit message"`** to commit them.
6. **Push Changes:** Pushing your changes means uploading them to GitHub. Use the command: **`git push origin <branch-name>`** to push your committed changes to the remote repository.
7. **Pull Requests and Collaboration:** If you're working with others, you can create a pull request on GitHub to propose your changes to the main project. Others can review your code, provide feedback, and suggest modifications before merging your changes.

These are the basic steps to get started with GitHub, but there are many other advanced features and concepts you can explore as you become more comfortable with the platform. GitHub provides extensive documentation and guides to help you along the way. Happy coding!

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Make sure it's at least 15 characters OR at least 8 characters including a number and a lowercase letter.
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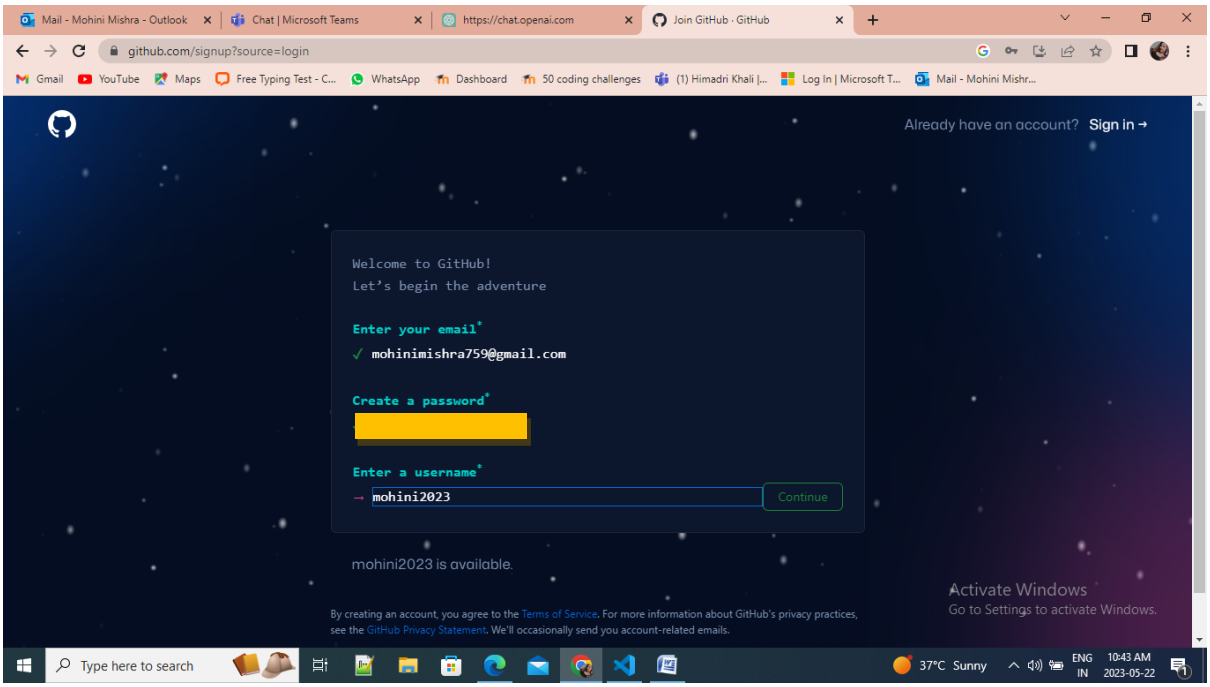
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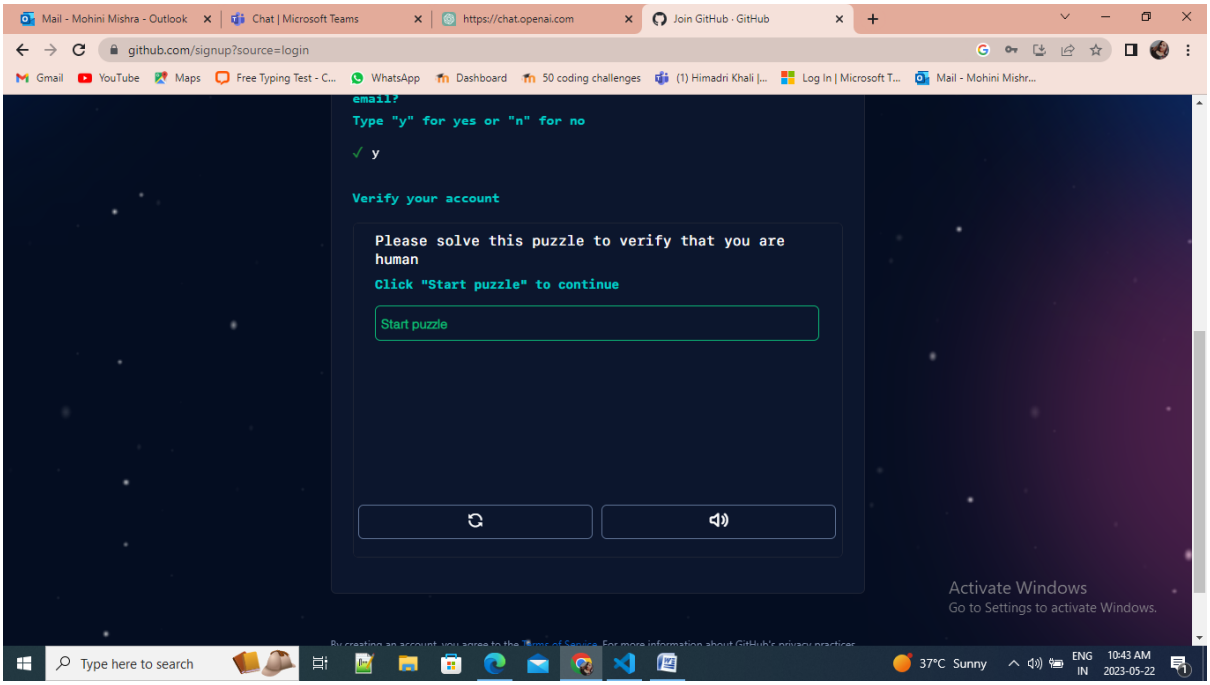
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email?
Type "y" for yes or "n" for no
y
Verify your account
Please solve this puzzle to verify that you are human
Click "Start puzzle" to continue
Start puzzle
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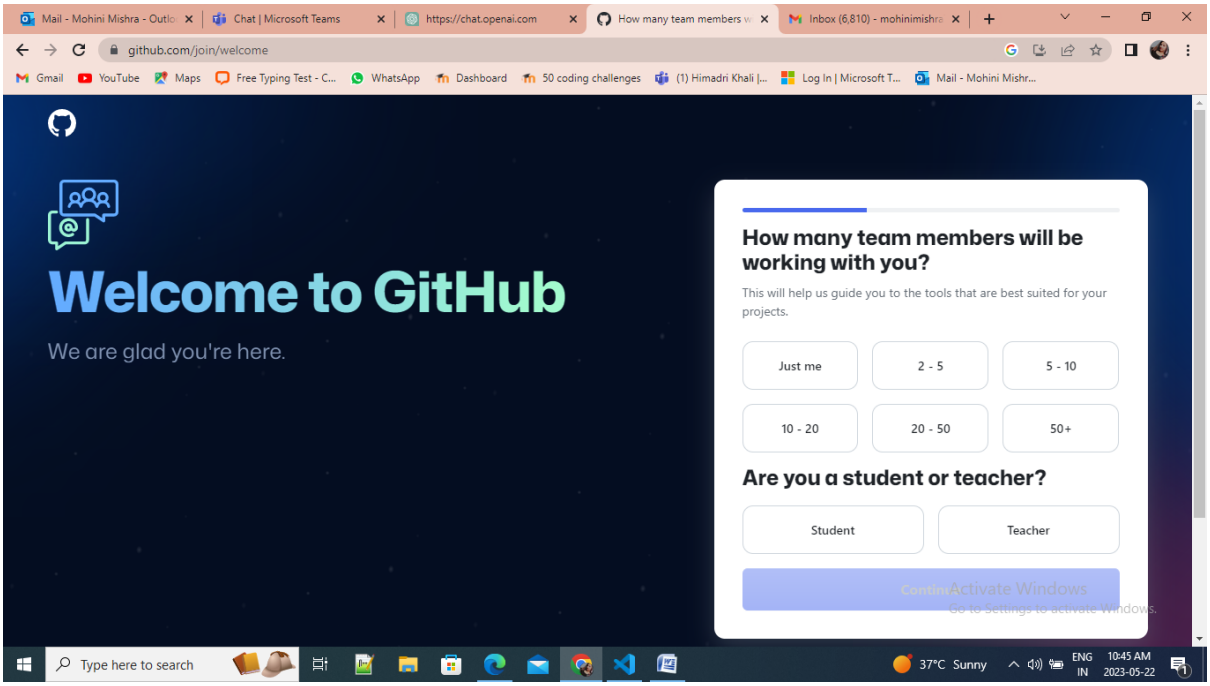
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github.com/join/welcome
Welcome to GitHub
We are glad you're here.
How many team members will be working with you?
This will help us guide you to the tools that are best suited for your projects.
Just me
2 - 5
5 - 10
10 - 20
20 - 50
50+
Are you a student or teacher?
Student
Teacher
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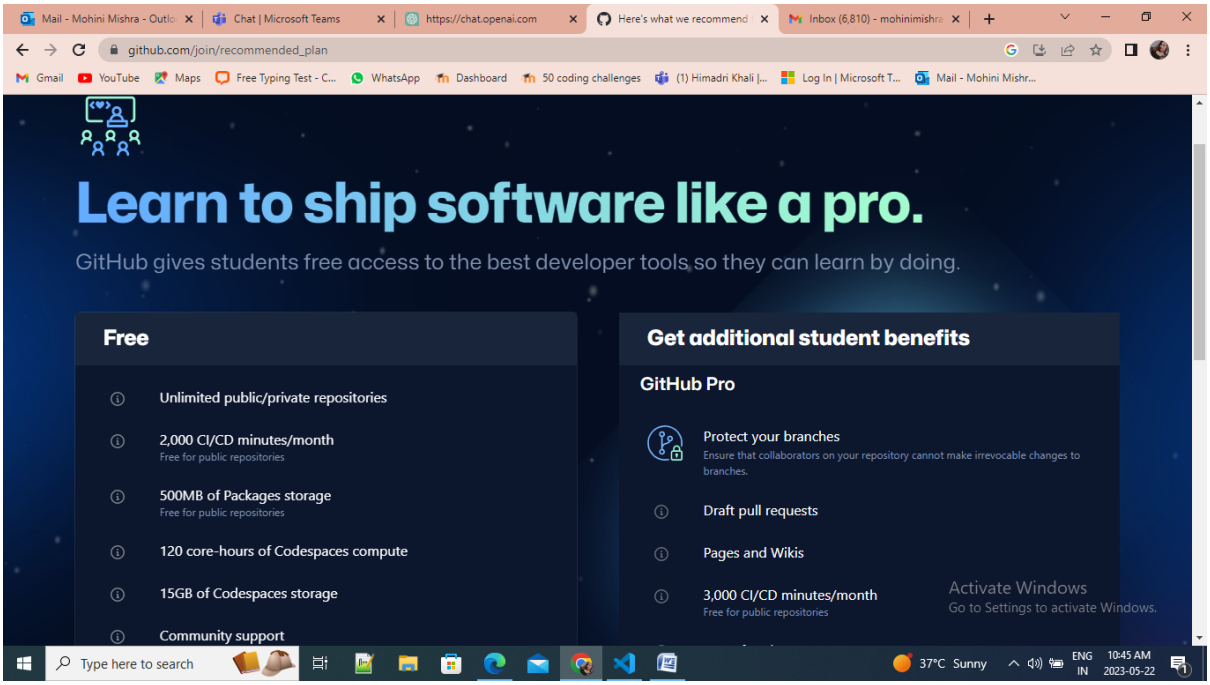
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GitHub gives students free access to the best developer tools so they can learn by doing.
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2,000 CI/CD minutes/month
Free for public repositories
500MB of Packages storage
Free for public repositories
120 core-hours of Codespaces compute
15GB of Codespaces storage
Community support
Get additional student benefits
GitHub Pro
Protect your branches
Ensure that collaborators on your repository cannot make irrevocable changes to branches.
Draft pull requests
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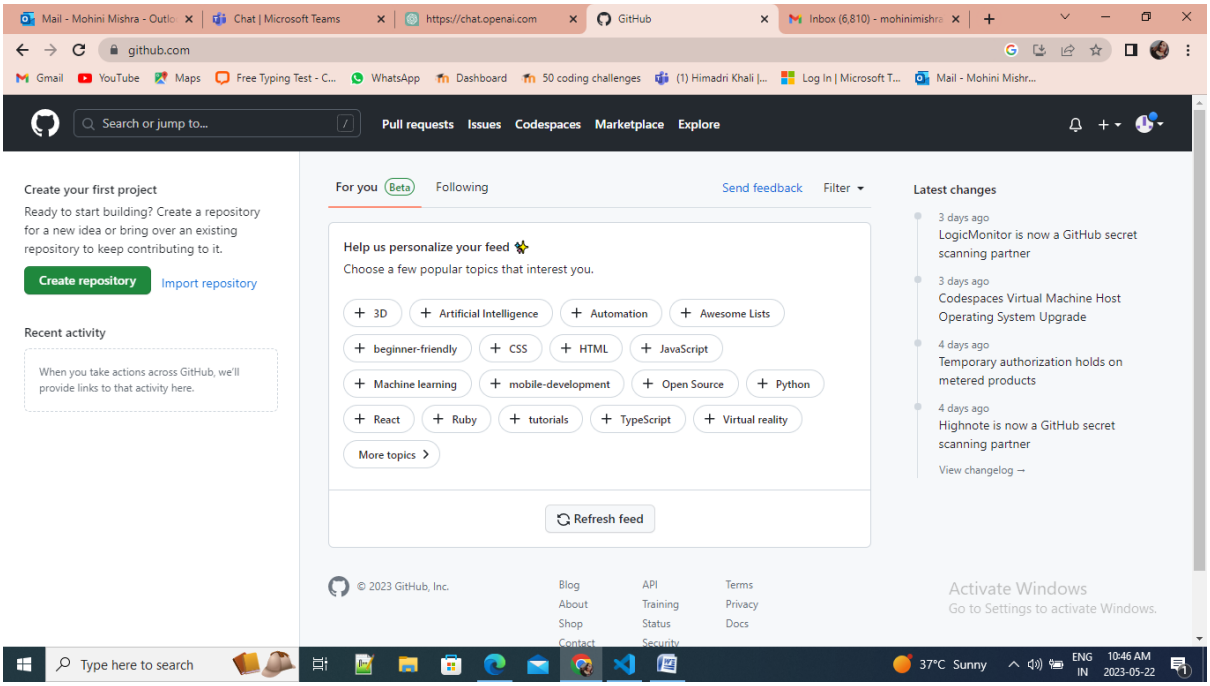
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Create your first project
Ready to start building? Create a repository for a new idea or bring over an existing repository to keep contributing to it.
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Import repository
Recent activity
When you take actions across GitHub, we'll provide links to that activity here.
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Following
Send feedback
Filter
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Choose a few popular topics that interest you.
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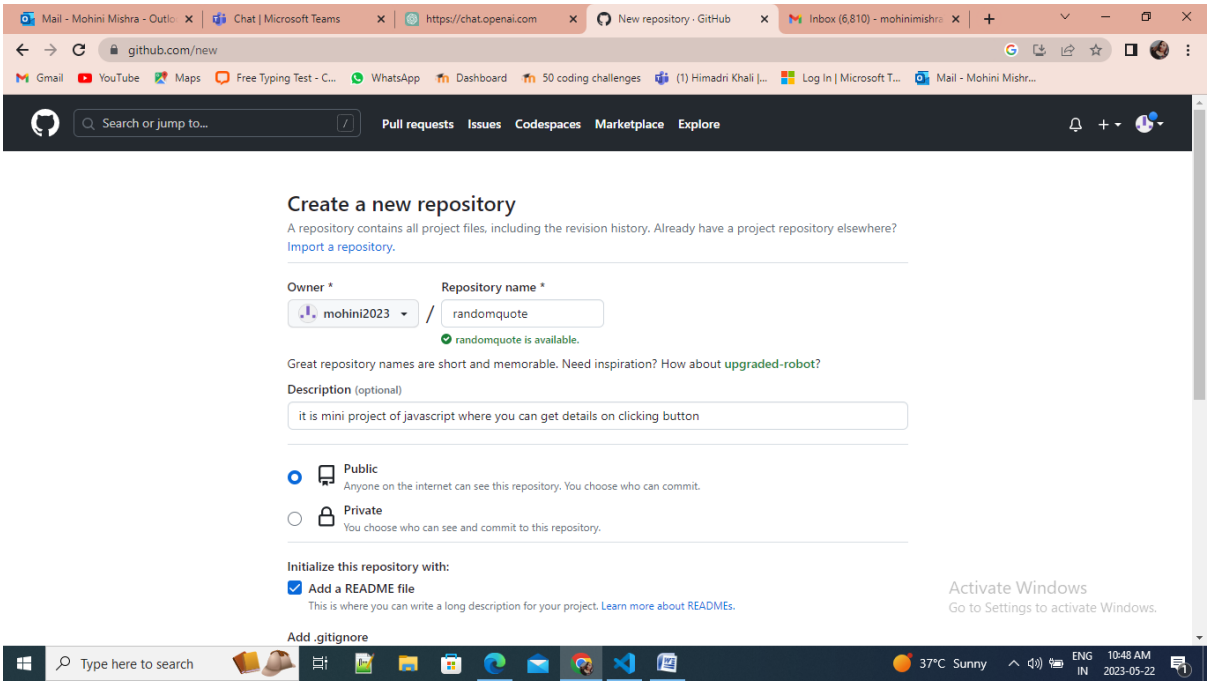
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Create a new repository
A repository contains all project files, including the revision history. Already have a project repository elsewhere?
Import a repository.
Owner *
mohini2023
Repository name *
randomquote
randomquote is available.
Great repository names are short and memorable. Need inspiration? How about upgraded-robot?
Description (optional)
it is mini project of javascript where you can get details on clicking button
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
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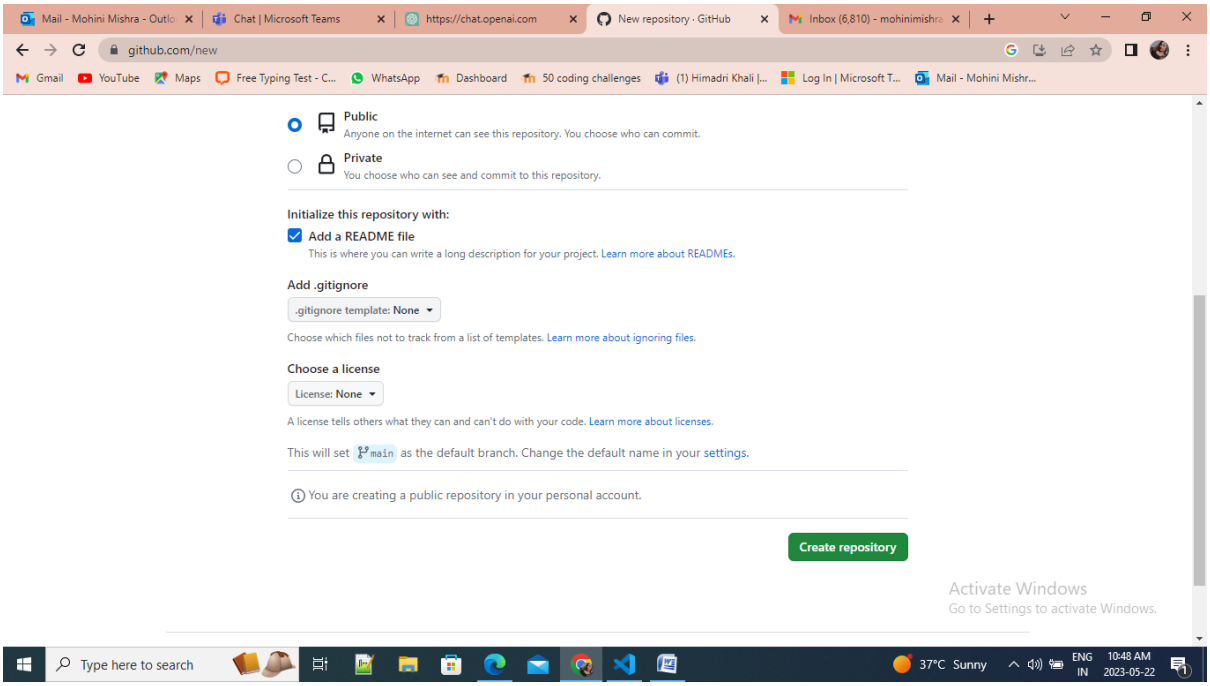
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Private
You choose who can see and commit to this repository.
Initialize this repository with:
Add a README file
This is where you can write a long description for your project. Learn more about READMEs.
Add .gitignore
.gitignore template: None
Choose which files not to track from a list of templates. Learn more about ignoring files.
Choose a license
License: None
A license tells others what they can and can't do with your code. Learn more about licenses.
This will set main as the default branch. Change the default name in your settings.
You are creating a public repository in your personal account.
Create repository
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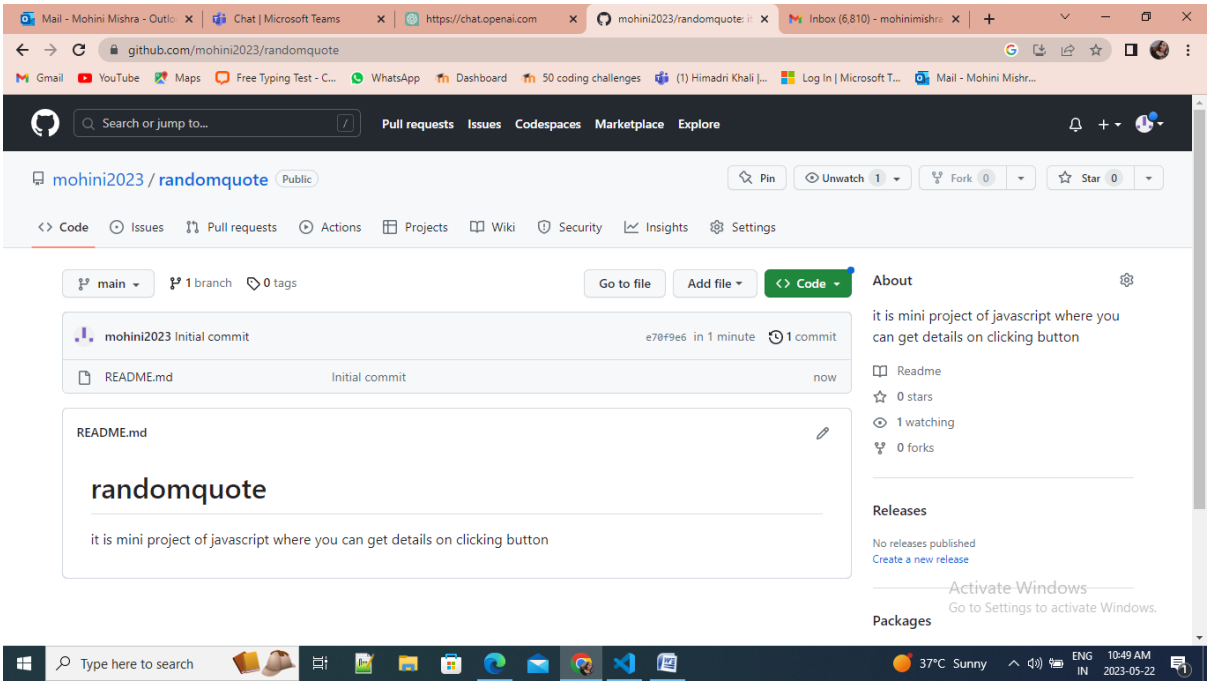
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Public
Pin
Unwatch 1
Fork 0
Star 0
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
main
1 branch
0 tags
Go to file
Add file
Code
mohini2023 Initial commit
e70f9e6 in 1 minute
1 commit
README.md
Initial commit
now
README.md
randomquote
it is mini project of javascript where you can get details on clicking button
About
it is mini project of javascript where you can get details on clicking button
Readme
0 stars
1 watching
0 forks
Releases
No releases published
Create a new release
Activate Windows
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Packages
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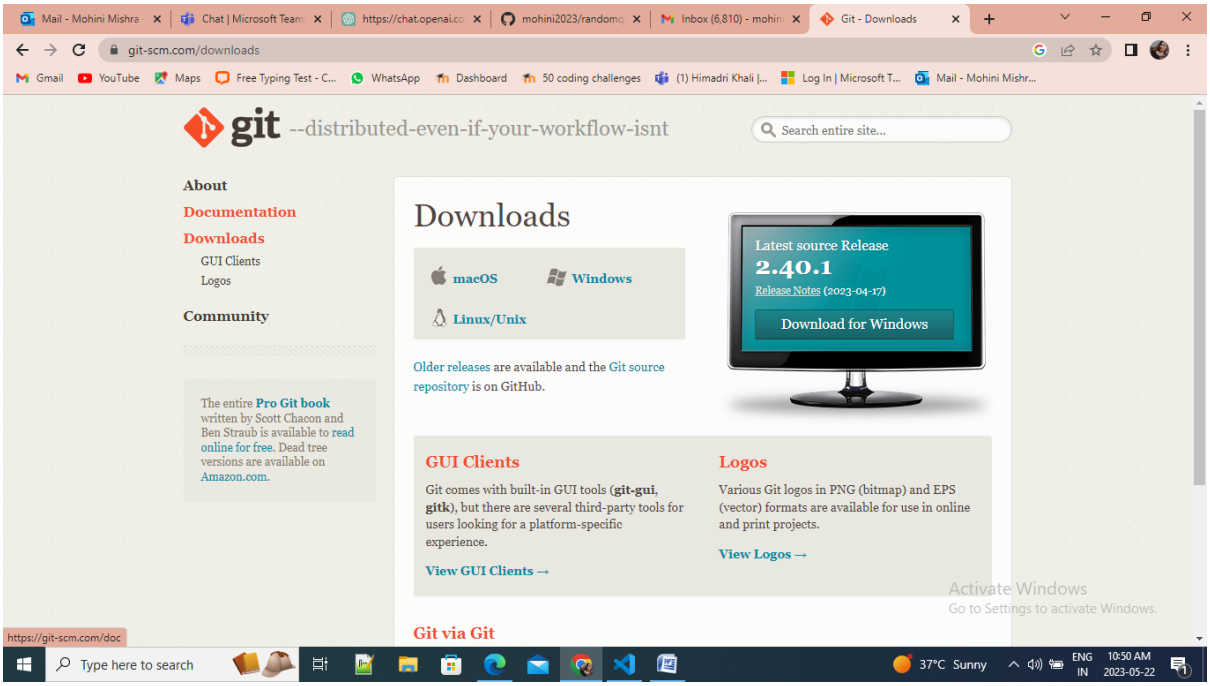
git-scm.com/downloads
git --distributed-even-if-your-workflow-isnt
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The entire Pro Git book written by Scott Chacon and Ben Straub is available to read online for free. Dead tree versions are available on Amazon.com.
Downloads
macOS
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Linux/Unix
Older releases are available and the Git source repository is on GitHub.
Latest source Release
2.40.1
Release Notes (2023-04-17)
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GUI Clients
Git comes with built-in GUI tools (git-gui, gitk), but there are several third-party tools for users looking for a platform-specific experience.
View GUI Clients →
Logos
Various Git logos in PNG (bitmap) and EPS (vector) formats are available for use in online and print projects.
View Logos →
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Go to Settings to activate Windows.
Git via Git
https://git-scm.com/doc
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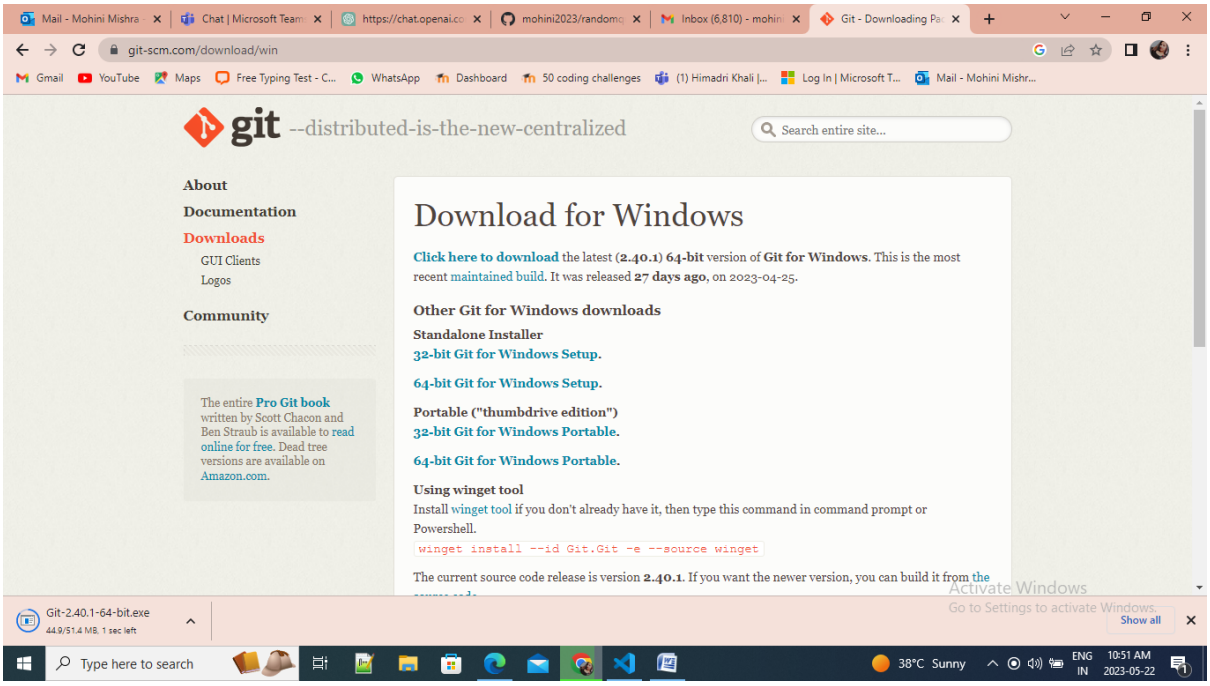

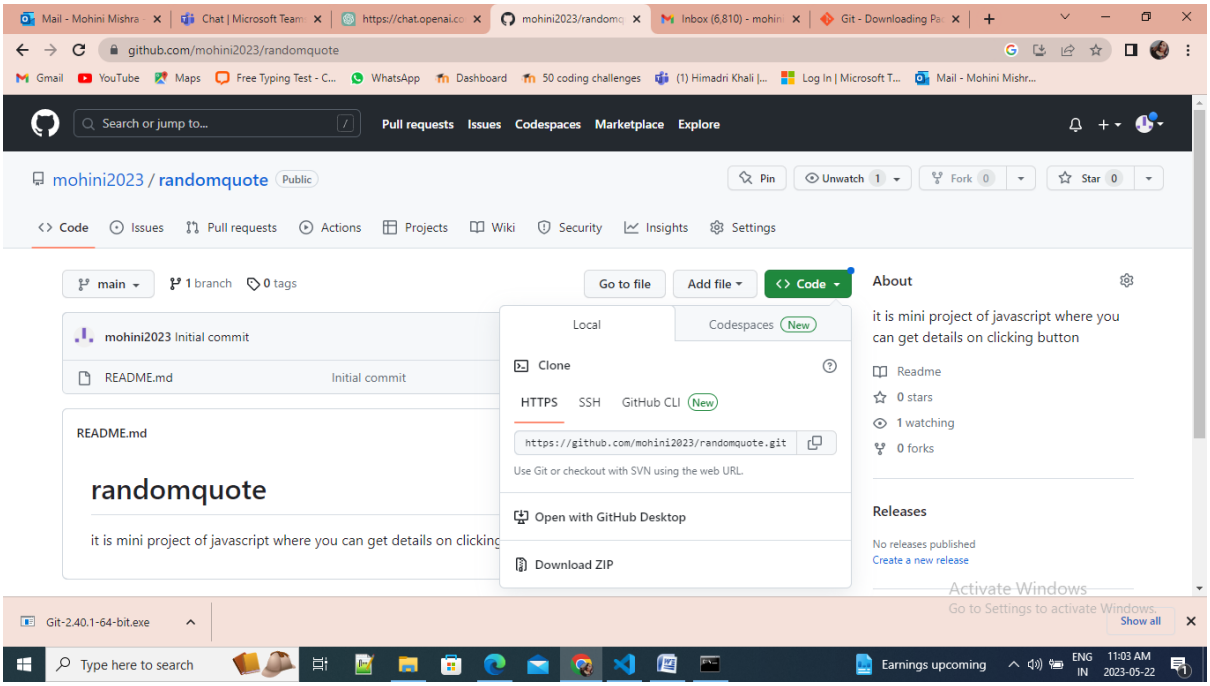

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$ cd D
Desktop/     Desktop.txt  Documents/   Downloads/

Lenovo@DESKTOP-7GEM4QE MINGW64 ~
$ cd Desktop/

Lenovo@DESKTOP-7GEM4QE MINGW64 ~/Desktop
$ /quote
bash: /quote: No such file or directory

Lenovo@DESKTOP-7GEM4QE MINGW64 ~/Desktop
$ /Desktop/quote
bash: /Desktop/quote: No such file or directory

Lenovo@DESKTOP-7GEM4QE MINGW64 ~/Desktop
$ git clone https://github.com/mohini2023/randomquote.git
Cloning into 'randomquote'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

Lenovo@DESKTOP-7GEM4QE MINGW64 ~/Desktop
$
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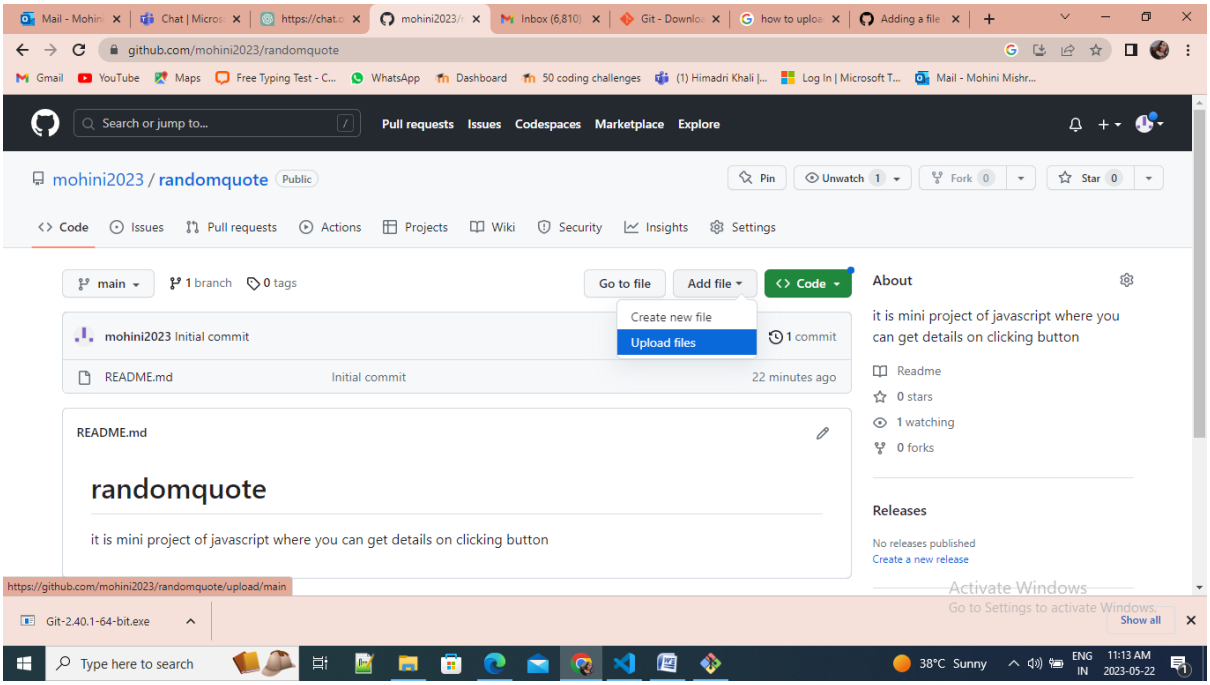
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Unwatch 1
Fork 0
Star 0
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
main
1 branch
0 tags
Go to file
Add file
Code
Create new file
Upload files
mohini2023 Initial commit
1 commit
README.md
Initial commit
22 minutes ago
README.md
randomquote
it is mini project of javascript where you can get details on clicking button
About
it is mini project of javascript where you can get details on clicking button
Readme
0 stars
1 watching
0 forks
Releases
No releases published
Create a new release
https://github.com/mohini2023/randomquote/upload/main
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Go to Settings to activate Windows.
Git-2.40.1-64-bit.exe
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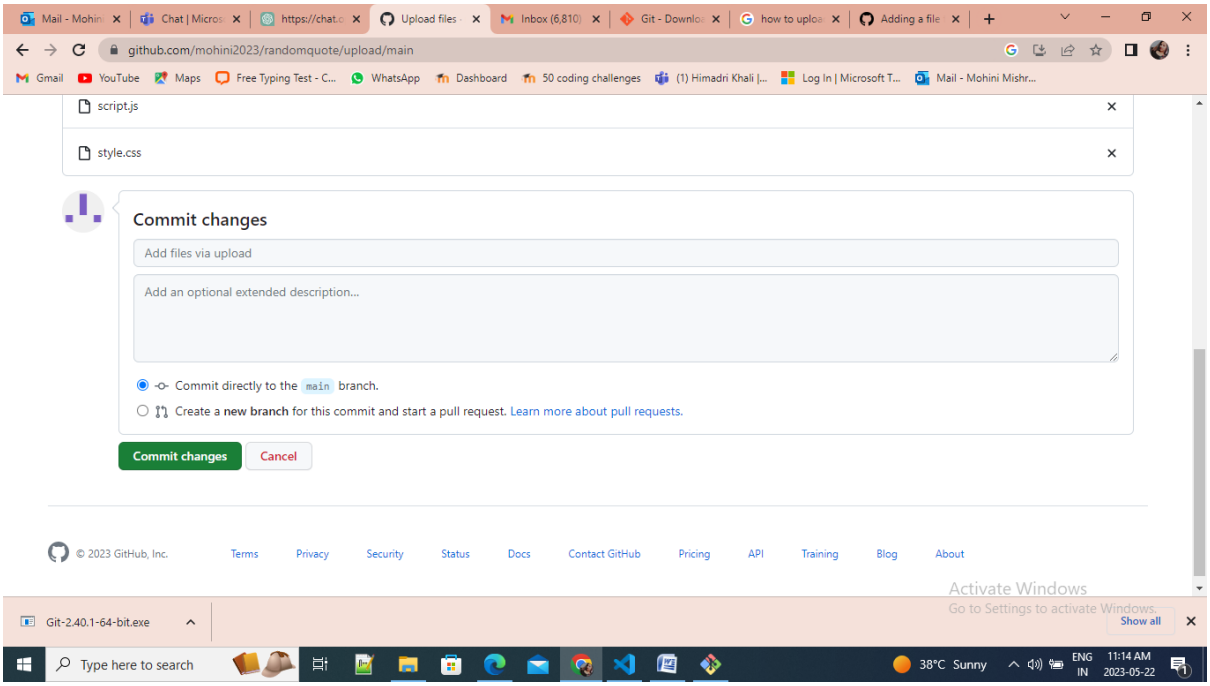
github.com/mohini2023/randomquote/upload/main
script.js
style.css
Commit changes
Add files via upload
Add an optional extended description...
Commit directly to the main branch.
Create a new branch for this commit and start a pull request. Learn more about pull requests.
Commit changes
Cancel
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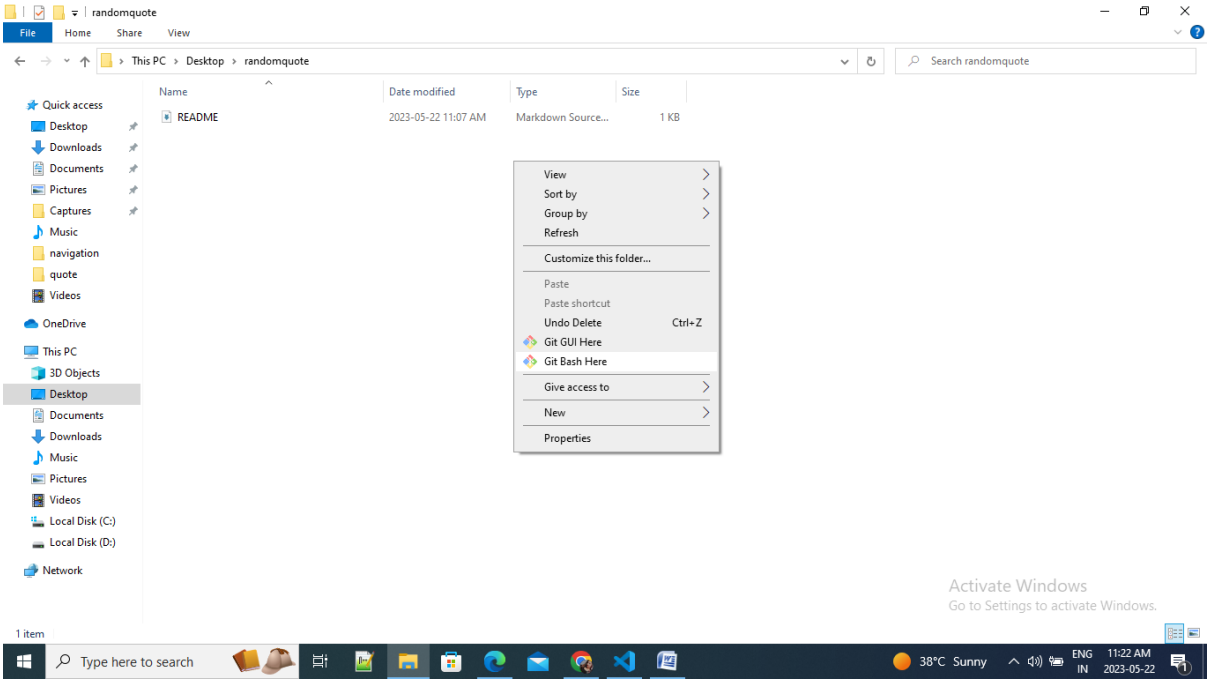
randomquote
File
Home
Share
View
This PC › Desktop › randomquote
Search randomquote
Quick access
Desktop
Downloads
Documents
Pictures
Captures
Music
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Videos
OneDrive
This PC
3D Objects
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Music
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Local Disk (C:)
Local Disk (D:)
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README
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Markdown Source...
1 KB
View
Sort by
Group by
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Paste
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Undo Delete
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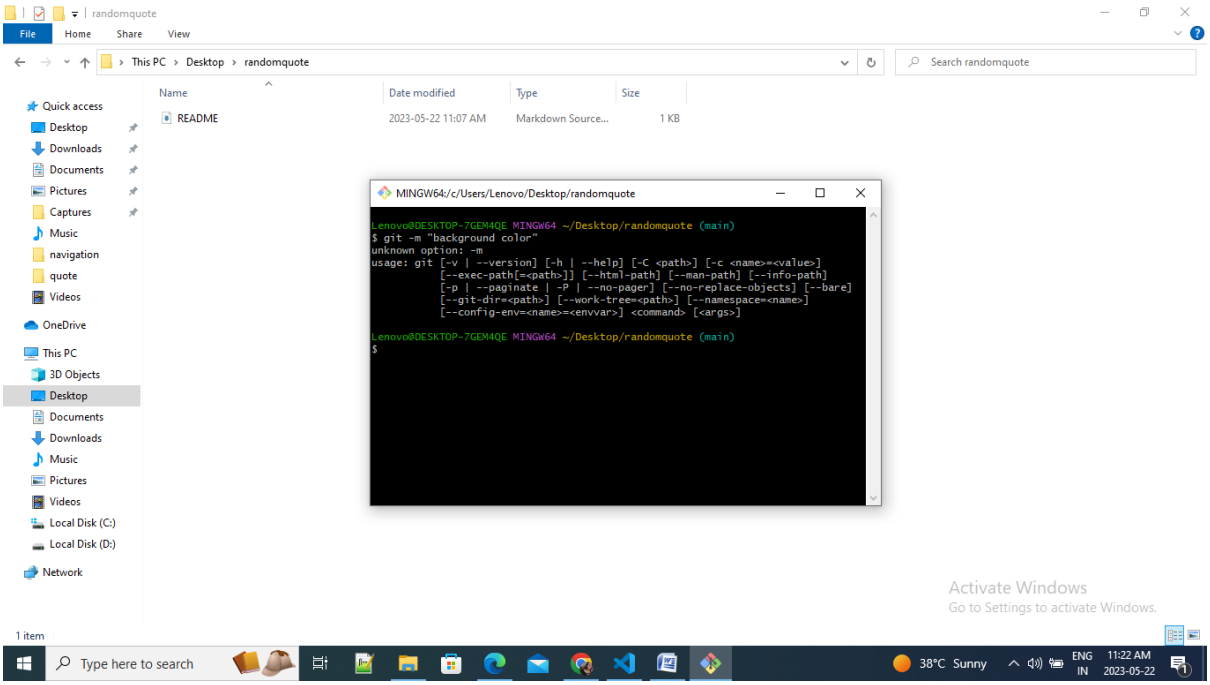
randomquote
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This PC › Desktop › randomquote
Search randomquote
Quick access
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Pictures
Captures
Music
navigation
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Videos
OneDrive
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
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Local Disk (D:)
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README
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Markdown Source...
1 KB
MINGW64:/c/Users/Lenovo/Desktop/randomquote
Lenovo@DESKTOP-7GEM4QE MINGW64 ~/Desktop/randomquote (main)
$ git -m "background color"
unknown option: -m
usage: git [-v | --version] [-h | --help] [-C <path>] [-c <name>=<value>]
[--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
[-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
[--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
[--config-env=<name>=<envvar>] <command> [<args>]
Lenovo@DESKTOP-7GEM4QE MINGW64 ~/Desktop/randomquote (main)
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1 item
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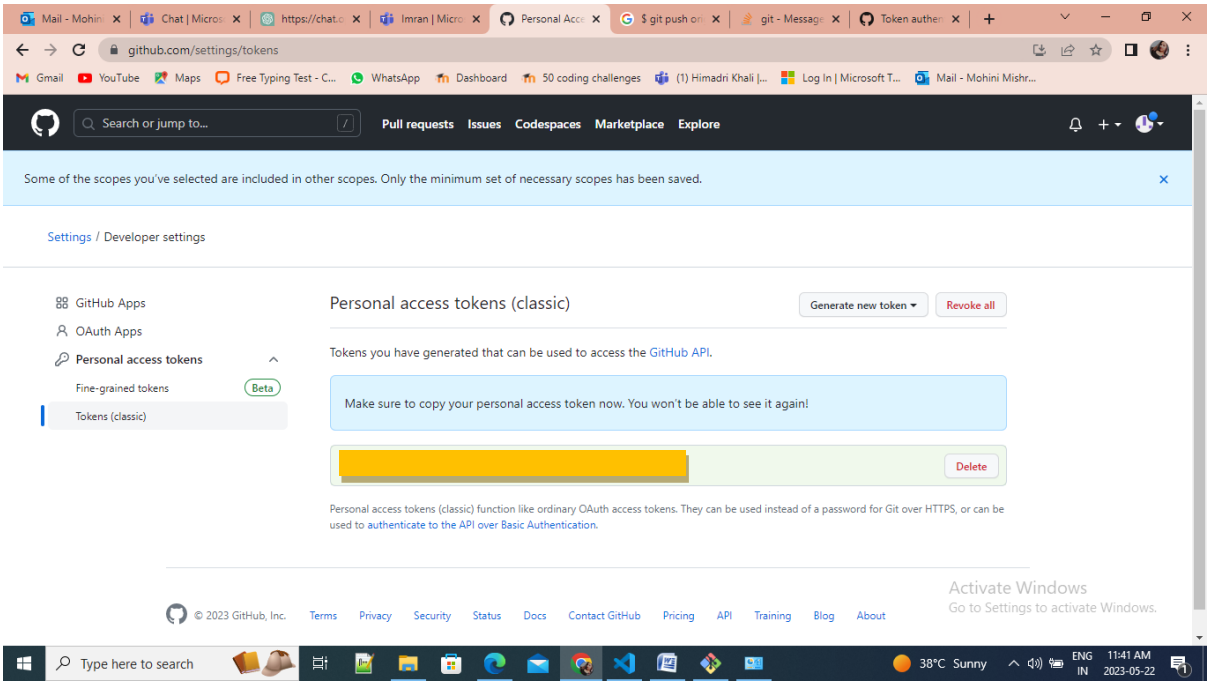
github.com/settings/tokens
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Explore
Some of the scopes you've selected are included in other scopes. Only the minimum set of necessary scopes has been saved.
Settings / Developer settings
GitHub Apps
OAuth Apps
Personal access tokens
Fine-grained tokens
Beta
Tokens (classic)
Personal access tokens (classic)
Generate new token
Revoke all
Tokens you have generated that can be used to access the GitHub API.
Make sure to copy your personal access token now. You won't be able to see it again!
Delete
Personal access tokens (classic) function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication.
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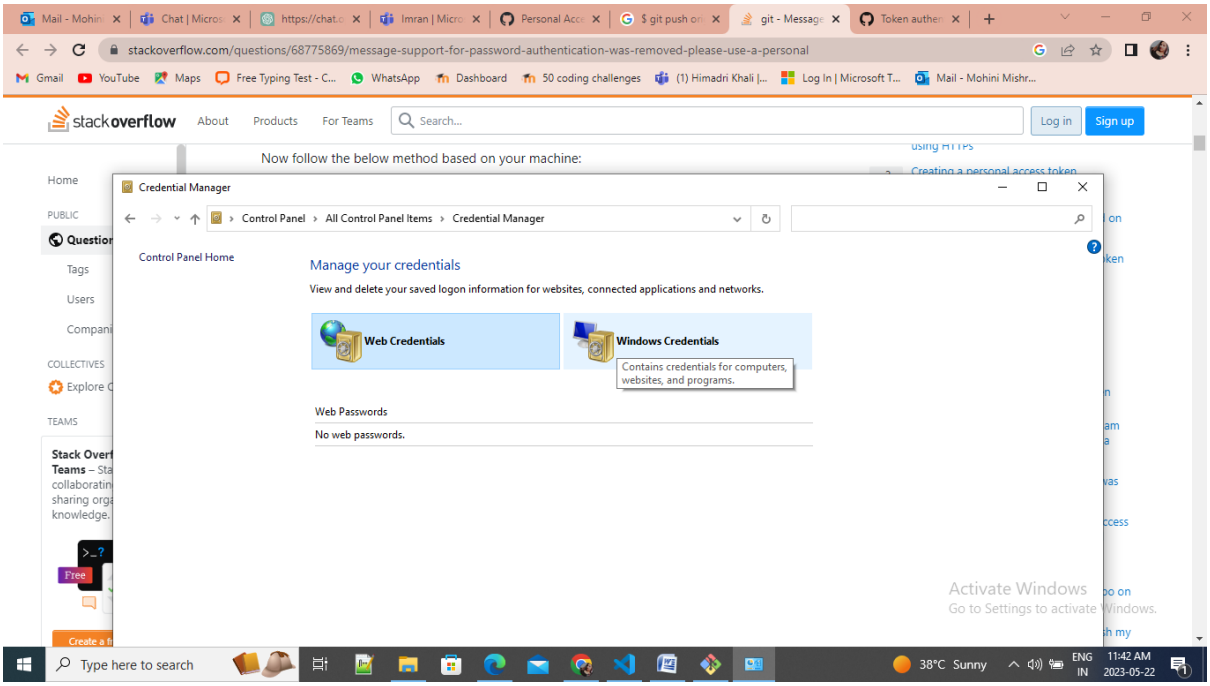
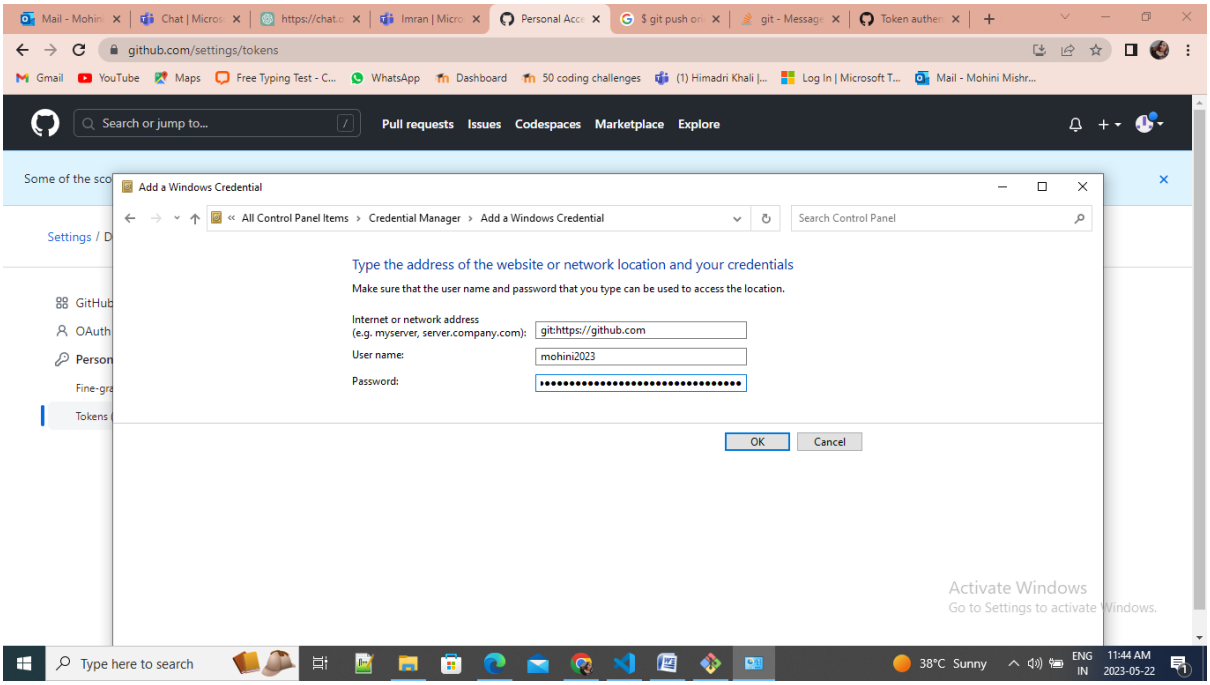
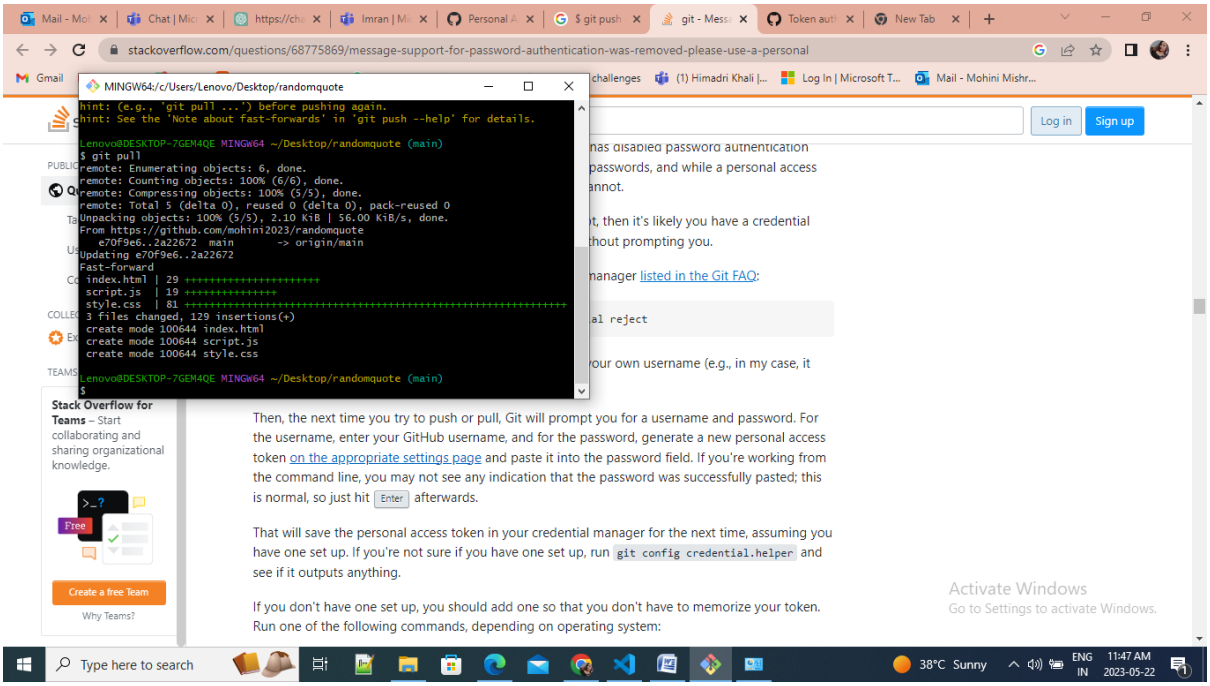
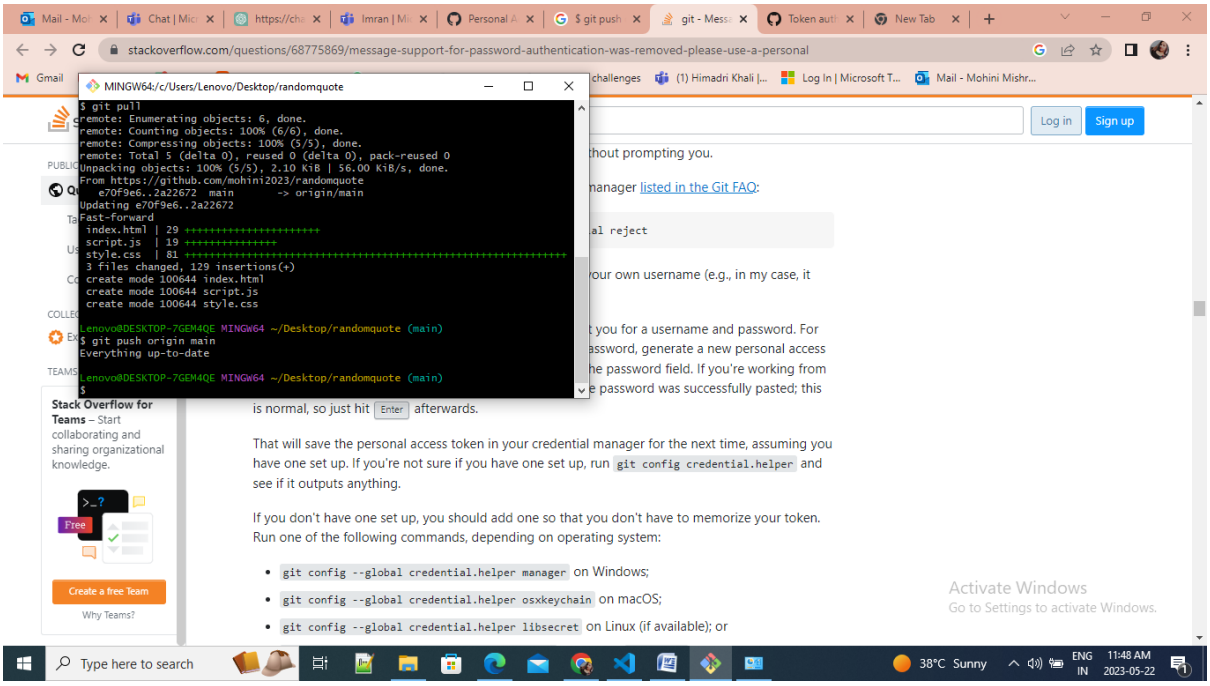
11:41 AM
2023-05-22


stackoverflow.com/questions/68775869/message-support-for-password-authentication-was-removed-please-use-a-personal
stackoverflow
About
Products
For Teams
Search...
Log in
Sign up
Now follow the below method based on your machine:
Credential Manager
Control Panel › All Control Panel Items › Credential Manager
Control Panel Home
Manage your credentials
View and delete your saved logon information for websites, connected applications and networks.
Web Credentials
Windows Credentials
Contains credentials for computers, websites, and programs.
Web Passwords
No web passwords.
Activate Windows
Go to Settings to activate Windows.
Type here to search
38°C Sunny
ENG
IN
11:42 AM
2023-05-22


github.com/settings/tokens
Search or jump to...
Pull requests
Issues
Codespaces
Marketplace
Explore
Add a Windows Credential
All Control Panel Items › Credential Manager › Add a Windows Credential
Search Control Panel
Type the address of the website or network location and your credentials
Make sure that the user name and password that you type can be used to access the location.
Internet or network address (e.g. myserver, server.company.com):
git:https://github.com
User name:
mohini2023
Password:
OK
Cancel
Activate Windows
Go to Settings to activate Windows.
Type here to search
38°C Sunny
ENG IN
11:44 AM
2023-05-22


stackoverflow.com/questions/68775869/message-support-for-password-authentication-was-removed-please-use-a-personal
MINGW64:/c/Users/Lenovo/Desktop/randomquote
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
Lenovo@DESKTOP-7GEM4QE MINGW64 ~/Desktop/randomquote (main)
$ git pull
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (5/5), 2.10 KiB | 56.00 KiB/s, done.
From https://github.com/mohini2023/randomquote
e70f9e6..2a22672 main -> origin/main
Updating e70f9e6..2a22672
Fast-forward
index.html | 29 ++++++++++++++++++++
script.js | 19 +++++++++++++
style.css | 81 ++
3 files changed, 129 insertions(+)
create mode 100644 index.html
create mode 100644 script.js
create mode 100644 style.css
Lenovo@DESKTOP-7GEM4QE MINGW64 ~/Desktop/randomquote (main)
$
Log in
Sign up
Then, the next time you try to push or pull, Git will prompt you for a username and password. For the username, enter your GitHub username, and for the password, generate a new personal access token on the appropriate settings page and paste it into the password field. If you're working from the command line, you may not see any indication that the password was successfully pasted; this is normal, so just hit Enter afterwards.
That will save the personal access token in your credential manager for the next time, assuming you have one set up. If you're not sure if you have one set up, run git config credential.helper and see if it outputs anything.
If you don't have one set up, you should add one so that you don't have to memorize your token. Run one of the following commands, depending on operating system:
Stack Overflow for Teams – Start collaborating and sharing organizational knowledge.
Create a free Team
Why Teams?
Activate Windows
Go to Settings to activate Windows.
Type here to search
38°C Sunny
ENG IN
11:47 AM
2023-05-22



1. **git init**: Initializes a new Git repository in the current directory.
2. **git clone [repository]**: Clones or copies a remote repository to your local machine.
3. **git add [file]**: Adds a file to the staging area in preparation for committing.
4. **git commit -m "[message]"**: Commits the changes in the staging area with a descriptive message.
5. **git status**: Displays the current status of your working directory and staging area.
6. **git push**: Pushes your local commits to a remote repository.
7. **git pull**: Fetches changes from a remote repository and merges them into your current branch.
8. **git branch**: Lists all branches in the repository.
9. **git branch [branch_name]**: Creates a new branch with the given name.
10. **git checkout [branch_name]**: Switches to the specified branch.
11. **git merge [branch_name]**: Merges the specified branch into the current branch.
12. **git log**: Shows a log of all commits in the current branch.
13. **git remote**: Lists all remote repositories.
14. **git remote add [remote_name] [remote_url]**: Adds a remote repository with the given name and URL.
15. **git stash**: Stashes changes in the working directory, allowing you to switch branches without committing.
16. **git reset [file]**: Unstages the specified file, removing it from the staging area.
17. **git diff**: Shows the differences between the working directory and the staging area.

These are just a few commonly used Git commands. Git is a powerful version control system with many more commands and options. You can use **git --help** or **git [command] --help** for more information on any specific command.