Software Engineering

Browser tabs: Git - Downloads | git-cheat-sheet-education | ReleaseNotes.html | Untitled document - Google Do

git-scm.com/downloads

git --distributed-is-the-new-centralized

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About
Documentation
Downloads
  GUI Clients
  Logos
Community

Downloads

macOS   Windows

Linux/Unix

Older releases are available and the *Git source repository* is on GitHub.

Latest source Release
2.46.0
Release Notes (2024-07-29)

Download for Windows

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 →

Git via Git

If you already have Git installed, you can get the latest development version via Git itself:

`git clone https://github.com/git/git`

You can also always browse the current contents of the git repository using the *web interface*.

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*.

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git-scm.com/download/win

git --distributed-even-if-your-workflow-isnt

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Documentation
Downloads
  GUI Clients
  Logos
Community

Download for Windows

Click here to download the latest (**2.46.0**) **64-bit** version of **Git for Windows**. This is the most recent *maintained build*. It was released **10 days ago**, on 2024-07-29.

Other Git for Windows downloads

Standalone Installer
32-bit Git for Windows Setup.

64-bit Git for Windows Setup.

Portable ("thumbdrive edition")
32-bit Git for Windows Portable.

64-bit Git for Windows Portable.

Using winget tool
Install *winget tool* if you don't already have it, then type this command in command prompt or Powershell.

`winget install --id Git.Git -e --source winget`

The current source code release is version **2.46.0**. If you want the newer version, you can build it from *the source code*.

Now What?

Now that you have downloaded Git, it's time to start using it.

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*.

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```
Command Prompt          ×    Windows PowerShell          ×    +    ∨

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\MSI GF63> git --version
git version 2.46.0.windows.1
PS C:\Users\MSI GF63>
```
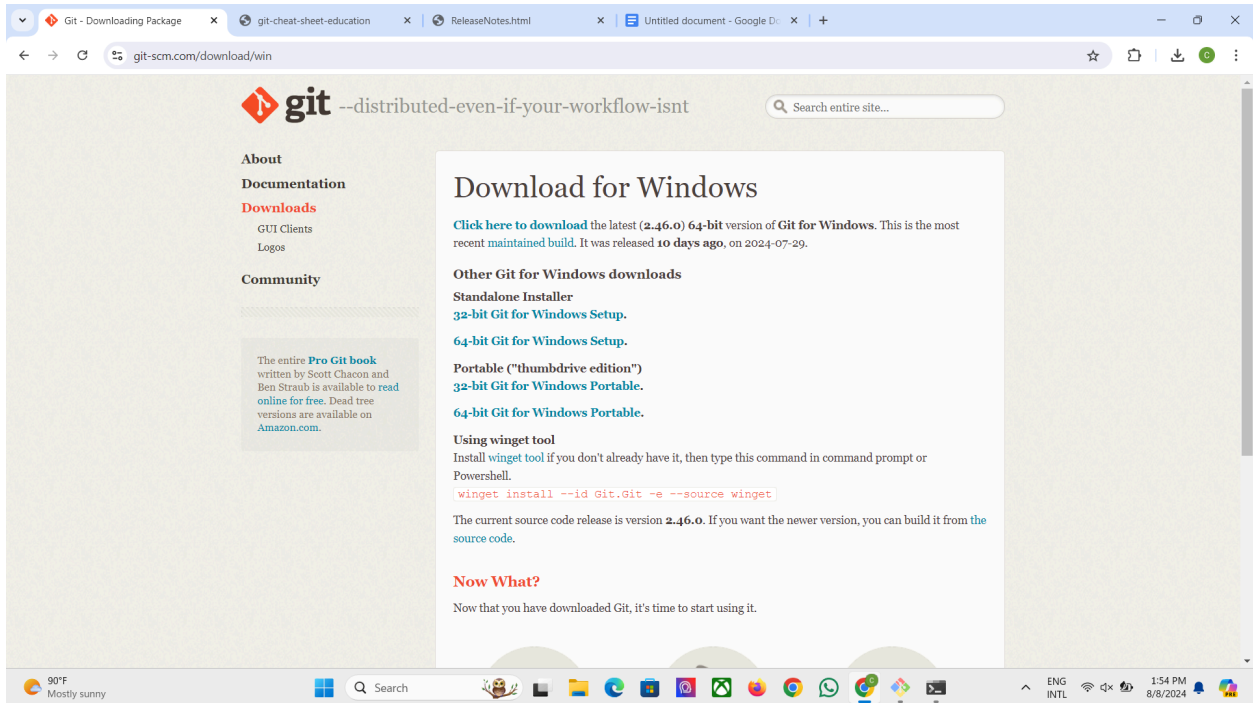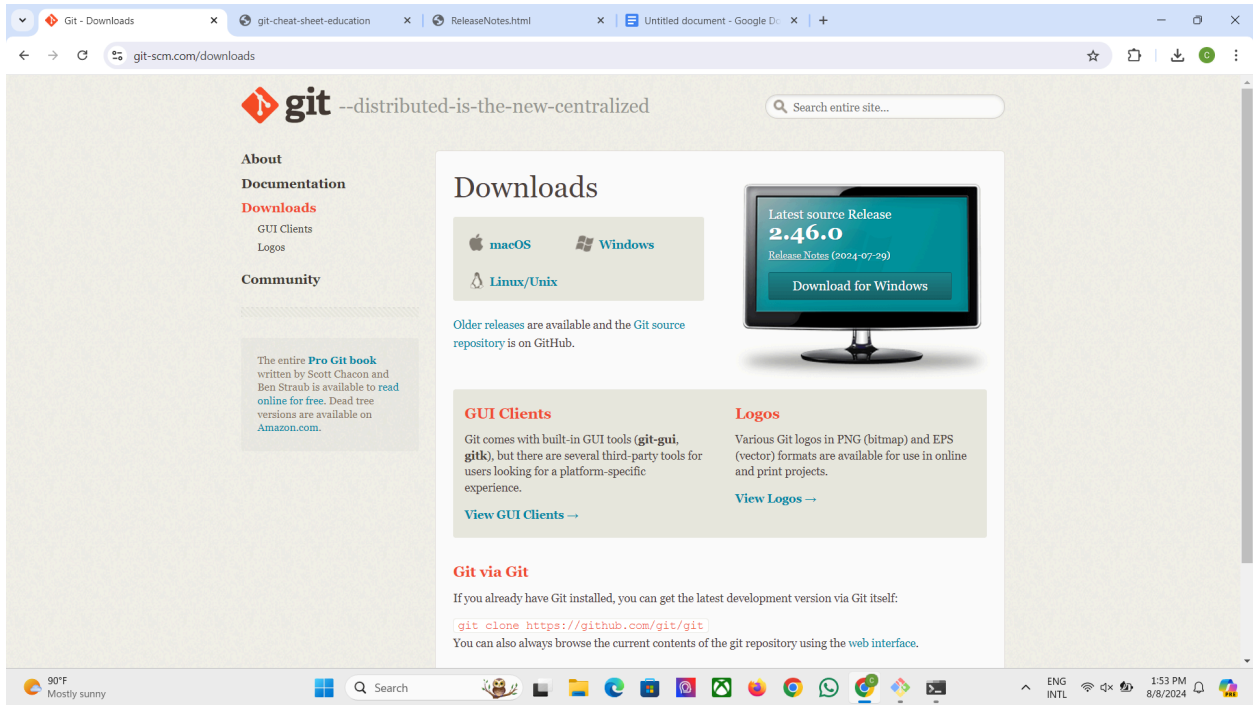
```
MINGW64:/c/Users/MSI GF63

chamith_nimsara@MSI MINGW64 ~
$ git config --global user.name Chamith Nimsara

chamith_nimsara@MSI MINGW64 ~
$ git config --global user.email ugchamithnimsara@gmail.com

chamith_nimsara@MSI MINGW64 ~
$ git config --global user.email
ugchamithnimsara@gmail.com

chamith_nimsara@MSI MINGW64 ~
$ git config --global user.name
Chamith

chamith_nimsara@MSI MINGW64 ~
$ git config --global user.name "Chamith Nimsara"

chamith_nimsara@MSI MINGW64 ~
$ git config --global user.name
Chamith Nimsara

chamith_nimsara@MSI MINGW64 ~
$ |
```

Screenshot 1 — New repository

New repository | git-cheat-sheet-education | ReleaseNotes.html | Untitled document - Google Do

github.com/new

New repository

Type / to search

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 ***

Chamith2003 / SCS1303

✓ SCS1303 is available.

Great repository names are short and memorable. Need inspiration? How about **curly-broccoli** ?

Description (optional)

This is a course introduction

○ 🖥 **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

Choose which files not to track from a list of templates. Learn more about ignoring files.

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Screenshot 2 — Editing SCS1303/README.md

Editing SCS1303/README.md | git-cheat-sheet-education | ReleaseNotes.html | Untitled document - Google Do

github.com/Chamith2003/SCS1303/edit/main/README.md

Chamith2003 / SCS1303

Type / to search

<> Code ⊙ Issues Pull requests ⊙ Actions Projects Wiki ⊙ Security Insights ⚙ Settings

SCS1303 / README.md in main

Cancel changes   Commit changes...

Edit Preview   Code 55% faster with GitHub Copilot   Spaces 2 Soft wrap

```
1  # SCS1303
2  This is a course introduction
3  This is a new line
4  |
```

Use Control + Shift + m to toggle the tab key moving focus. Alternatively, use esc then tab to move to the next interactive element on the page.

Attach files by dragging & dropping, selecting or pasting them.

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SCS1303/README.md at main | git-cheat-sheet-education | ReleaseNotes.html | Untitled document - Google Do...

github.com/Chamith2003/SCS1303/blob/main/README.md

Chamith2003 / SCS1303

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main

SCS1303 / README.md

Chamith2003 Update README.md

242053c · 1 minute ago History

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Raw

SCS1303

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4 contributions in the last year

Contribution settings ▾

2024

Aug   Sep   Oct   Nov   Dec   Jan   Feb   Mar   Apr   May   Jun   Jul
Mon
Wed
Fri

Learn how we count contributions

Less ☐☐☐☐☐ More

Chamith2003

Edit profile

🚀 Joined 22 minutes ago

Contribution activity

August 2024

Created 2 commits in 1 repository
Chamith2003/SCS1303 2 commits

Created their first repository

Aug 8

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