


# Github copilot

## Step-1 Downolad Github cLI

[https://github.com/cli/cli/releases/download/v2.60.0/gh\\_2.60.0\\_windows\\_amd64.msi](https://github.com/cli/cli/releases/download/v2.60.0/gh_2.60.0_windows_amd64.msi)

Name

 gh\_2.60.0\_windows\_amd64.msi

## Step-2

## Configure with Github using CLI

```
Microsoft Windows [Version 10.0.19045.6218]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32 gh --version
gh version 2.60.0 (2024-10-24)
https://github.com/cli/cli/releases/tag/v2.60.0

C:\WINDOWS\system32 gh auth login
? Where do you use GitHub? GitHub.com
? What is your preferred protocol for Git operations on this host? HTTPS
? Authenticate Git with your GitHub credentials? Yes
? How would you like to authenticate GitHub CLI? Login with a web browser

! First copy your one-time code: BD1E-E155
Press Enter to open https://github.com/login/device in your browser...
[ ] Authentication complete.
- gh config set -h github.com git_protocol https
[ ] Configured git protocol
[ ] Logged in as ShekharGlobal
```

## Step-3

### Install github-Copilot using CLI

```
C:\WINDOWS\system32>gh extension install github/gh-copilot
[?] Installed extension github/gh-copilot
C:\WINDOWS\system32>
```

## Step-4

### Use copilot through CLI now

```
C:\WINDOWS\system32>gh copilot explain "docker ps -a"

Welcome to GitHub Copilot in the CLI!
version 1.1.1 (2025-06-17)

I'm powered by AI, so surprises and mistakes are possible. Make sure to verify any generated code or suggestions, and share feedback so that we can learn and improve. For more information, see https://gh.io/gh-copilot-transparency

Explanation:


- docker is the command-line interface for interacting with Docker.
- ps is used to list containers.
  - -a specifies that we want to include all containers, not just the running ones.
- The output will display a list of all containers, showing their IDs, names, statuses, and other relevant information.

```

```
C:\WINDOWS\system32>gh copilot suggest -t gh "list all open pull requests in this repo"

Welcome to GitHub Copilot in the CLI!
version 1.1.1 (2025-06-17)

I'm powered by AI, so surprises and mistakes are possible. Make sure to verify any generated code or suggestions, and share feedback so that we can learn and improve. For more information, see https://gh.io/gh-copilot-transparency

Suggestion:
  gh pr list --state open

? Select an option [Use arrows to move, type to filter]
> Copy command to clipboard
  Explain command
  Execute command
  Revise command
  Rate response
  Exit
```

## CLI Commands Examples

**gh copilot explain "git reset --hard HEAD~1"**

**gh copilot explain "kubectl get nodes -o wide"**

**gh copilot suggest -t gh "create a new issue titled 'Fix login bug'"**

**gh copilot suggest -t gh "list all open pull requests in this repo"**

**gh copilot suggest -t shell "find all .log files larger than 5MB"**

**gh copilot suggest -t gh "list all open issues assigned to me"**

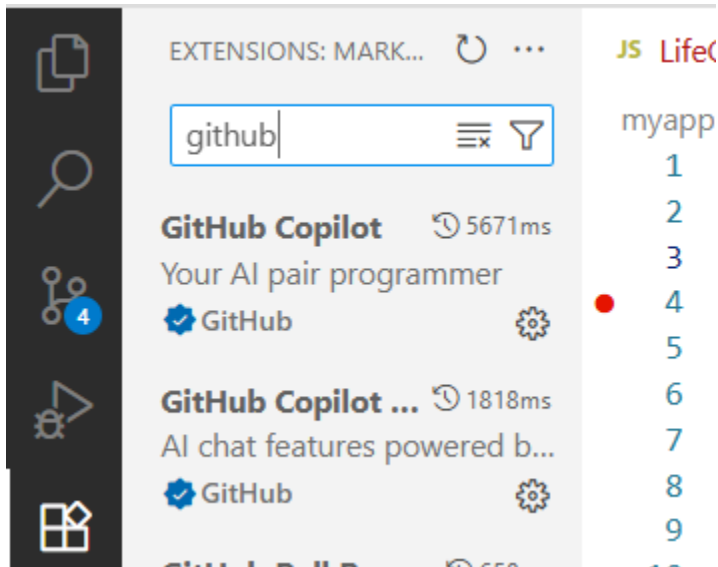
**gh copilot suggest -t git "delete a local and remote branch called bugfix"**

**gh copilot suggest -t git "create a new branch called feature/cart and switch to it"**

# Github Copilot extension in VS CODE

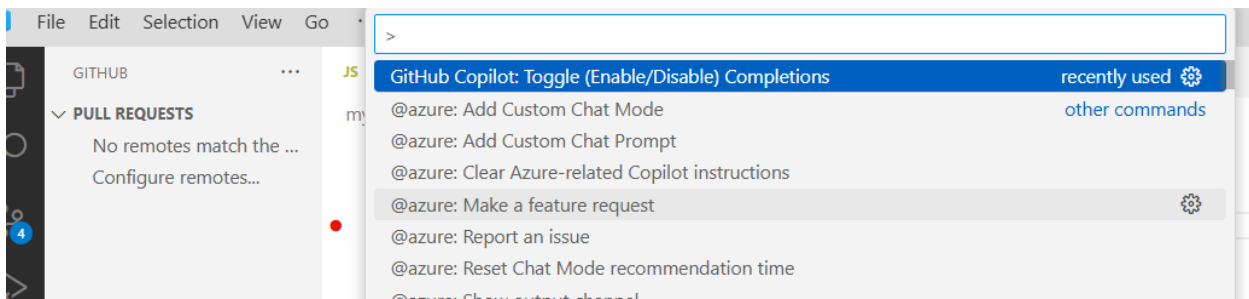
## Step1

### Add Extension



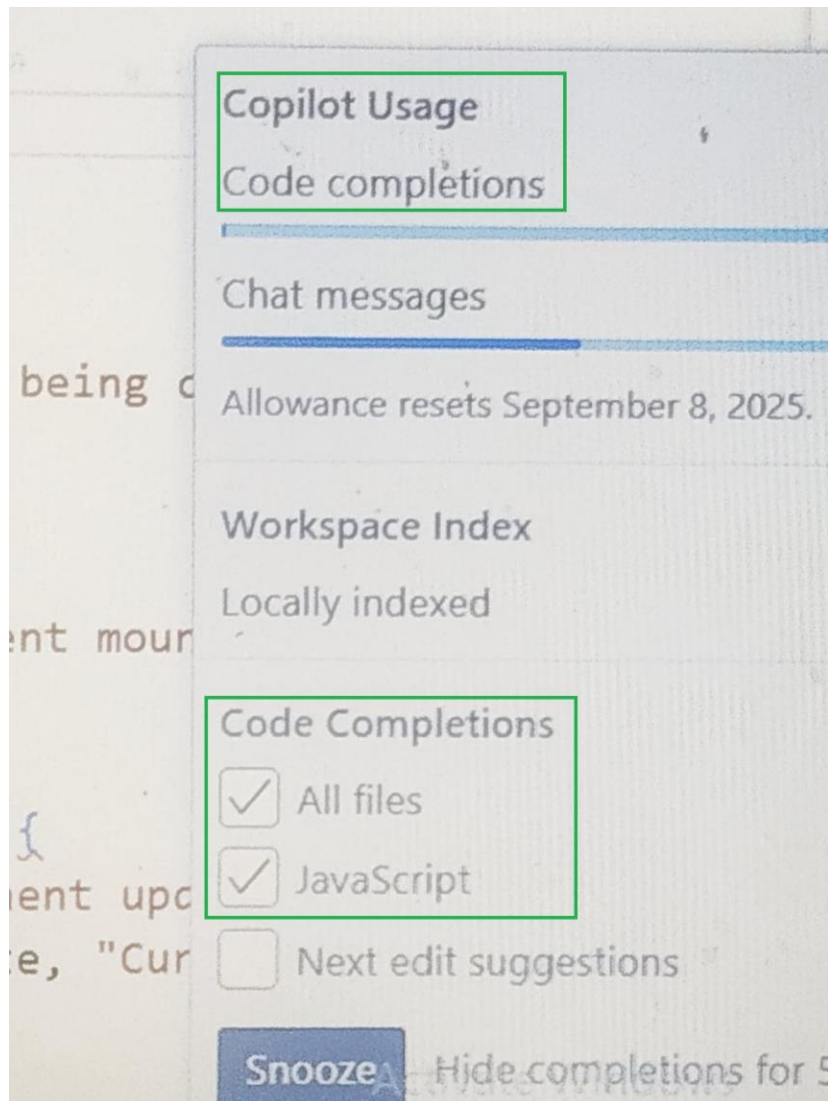
## Step-2

### Enable copilot- Ctrl + Shift + P



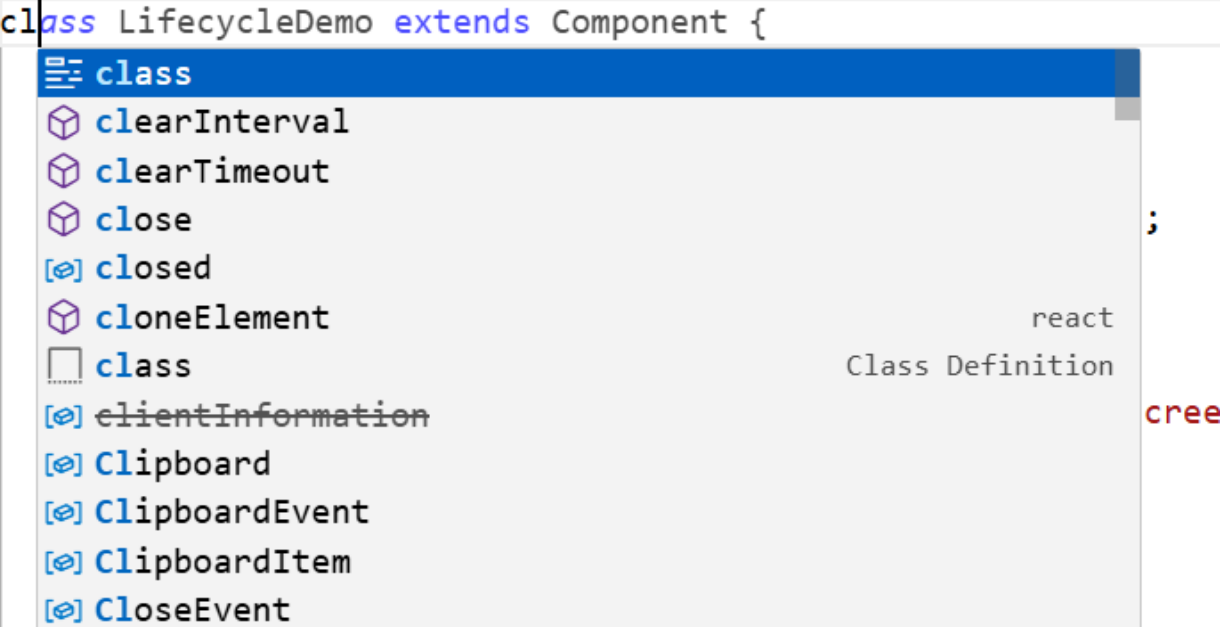
## Steps 3

### Auto completion while writing code



After typing few words it will suggest and the press tab

```
class LifecycleDemo extends Component {
```



The screenshot shows a code editor with a class definition: `class LifecycleDemo extends Component {`. A dropdown menu is open, displaying various suggestions. The first suggestion is `class`, which is highlighted. Below it are several methods: `clearInterval`, `clearTimeout`, `close`, `closed`, `cloneElement`, `clientInformation`, `Clipboard`, `ClipboardEvent`, `ClipboardItem`, and `CloseEvent`. To the right of the dropdown, the text `react` and `Class Definition` are visible. A red text `cre` is also present on the right side of the image.

- `class`
- `clearInterval`
- `clearTimeout`
- `close`
- `closed`
- `cloneElement`
- `clientInformation`
- `Clipboard`
- `ClipboardEvent`
- `ClipboardItem`
- `CloseEvent`

react  
Class Definition  
cre