



# IT QUESTIONS AND ANSWER WEBSITE

ROYAL UNIVERSITY OF PHNOM PENH

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**Class :** ITE-G8-A

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★ TIANG ERO (INTRO)

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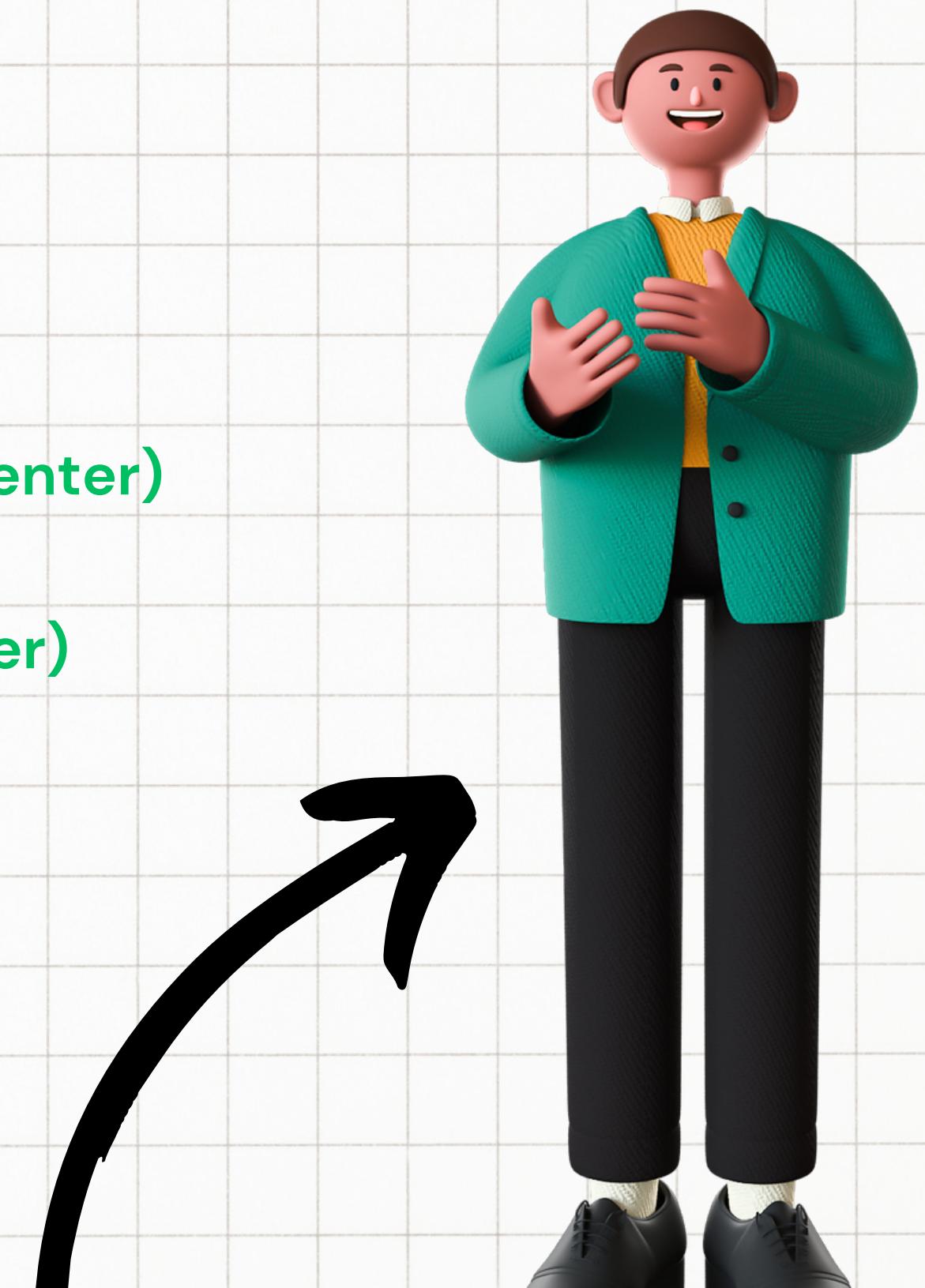
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# Table of Contents

## Points we are Discussing

- Introductions
- History of IT Supports and troubleshoot
- StackOverflow
- Github
- BlackBoxAI
- ChatGPT
- Conclusion

★ TIANG ERO (INTRO)



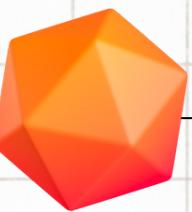
# Introduction

## A brief history of IT Question and Answer

- Back in the early days of computer **(1980s)**, people who need IT related questions answered they would either call tech supports or read books to solve their problems.
- Now in the present the internet have offered unlimited access to information any problem could solved, lots of people use forums and group chat to discuss and offer advices on how to deal with questions and many more.
- Currently New technologies such as AI could answer some questions and they are advancing rapidly.

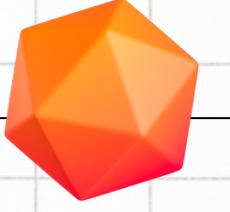
# What is stackoverflow?

Stack Overflow is a question-and-answer website for the programmers in all Level It features questions and answers on a wide range of topics in computer programming, but the top 8 most discussed topics on the side based on the tag being: JavaScript, Java, C#, PHP, Android, Python, jQuery and HTML.



## HISTORY

- The website was created in 2008 by 2 American developers, Jeff Atwood and Joel Spolsky.



## NAME & LOGO

- The name for the website was chosen by voting in 2008 by readers of Coding Horror, the logo was also decided in a similar manner.



## BUILD

- The website was written in C#.

# How do you use StackOverflow?

## How to ask questions?



- Summarise your **Problem** in a title.

A screenshot of the StackOverflow question creation interface showing the "What are the details of your problem?" section. It includes a text area with placeholder text "Introduce the problem and expand on what you put in the title. Minimum 20 characters.", a toolbar with various rich-text editing icons, and a preview area at the bottom containing the text "I am new to java. How do I declare a variable in java?". A large black arrow points from the text "Describe your Problem." in the bottom left towards this details section.

# How do you use StackOverflow? Describe your problem

- **Describe** what you tired and what you expected to happen.



- Add **tags**

**Tags**

Add up to 5 tags to describe what your question is about. Start typing to see suggestions.

# How to use stackOverflow ?

## Review your question

**Review** your question to see if it had been asked before

Review questions already on Stack Overflow to see if your question is a duplicate.

Clicking on these questions will open them in a new tab for you to review. Your progress here will be saved so you can come back and continue.

Do any of these posts answer your question?

No duplicate questions found.

Review your question



# How to answer StackOverflow?

## A Demon on how to answer stack overflow questions

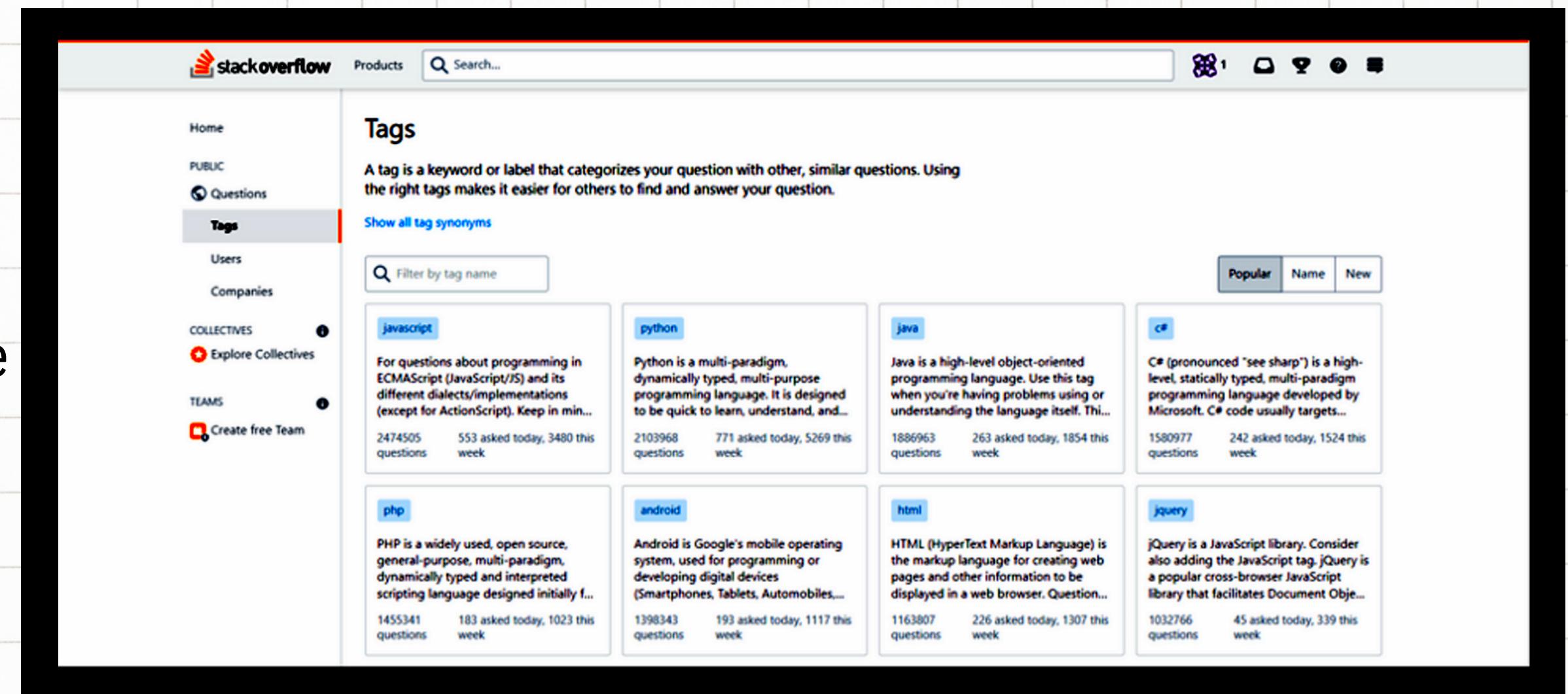
You can **answer** any question  
on Stack Overflow

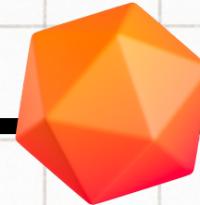


# How to answer StackOverflow?

## Sort by tags

- You can go to a specific tag in **StackOverflow** by going into the tag menu, or search for it manually by putting the **tag name** inside a square bracket, example [Python]





# Advantages

- Ask question and get answers with explanation
- No advertisements or spam
- Voting system to promote accurate answers
- Tags and filters make it easy to find

# Disadvantages

- Guides about how to ask a question are difficult for beginners.
- Down-voting by fellow users without explanation.
- Some rude and toxic commenters



# What is GitHub?

GitHub is code hosting platform for version control and collaboration. It lets you and other on project from anywhere.



## HISTORY

- Development of the GitHub.com platform began on 19/ Oct/ 2007.



## CREATOR

- The site was launched in April 2008 by Tom Preston Werner, Chris Wanstrath, P. J. Hyett and Scott

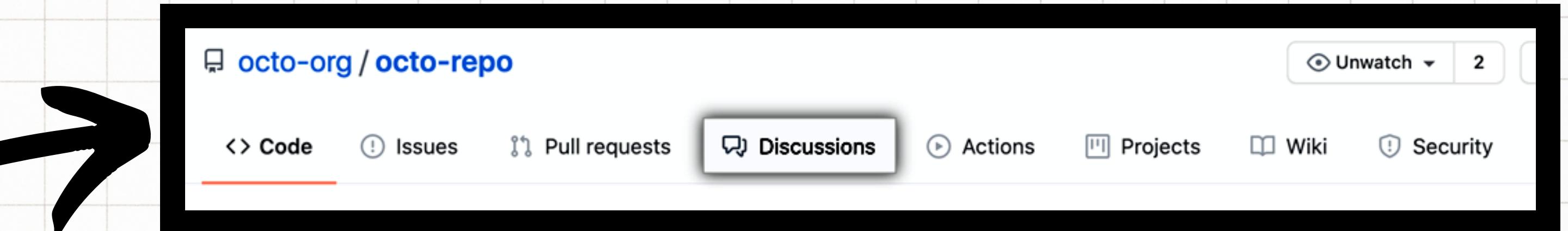
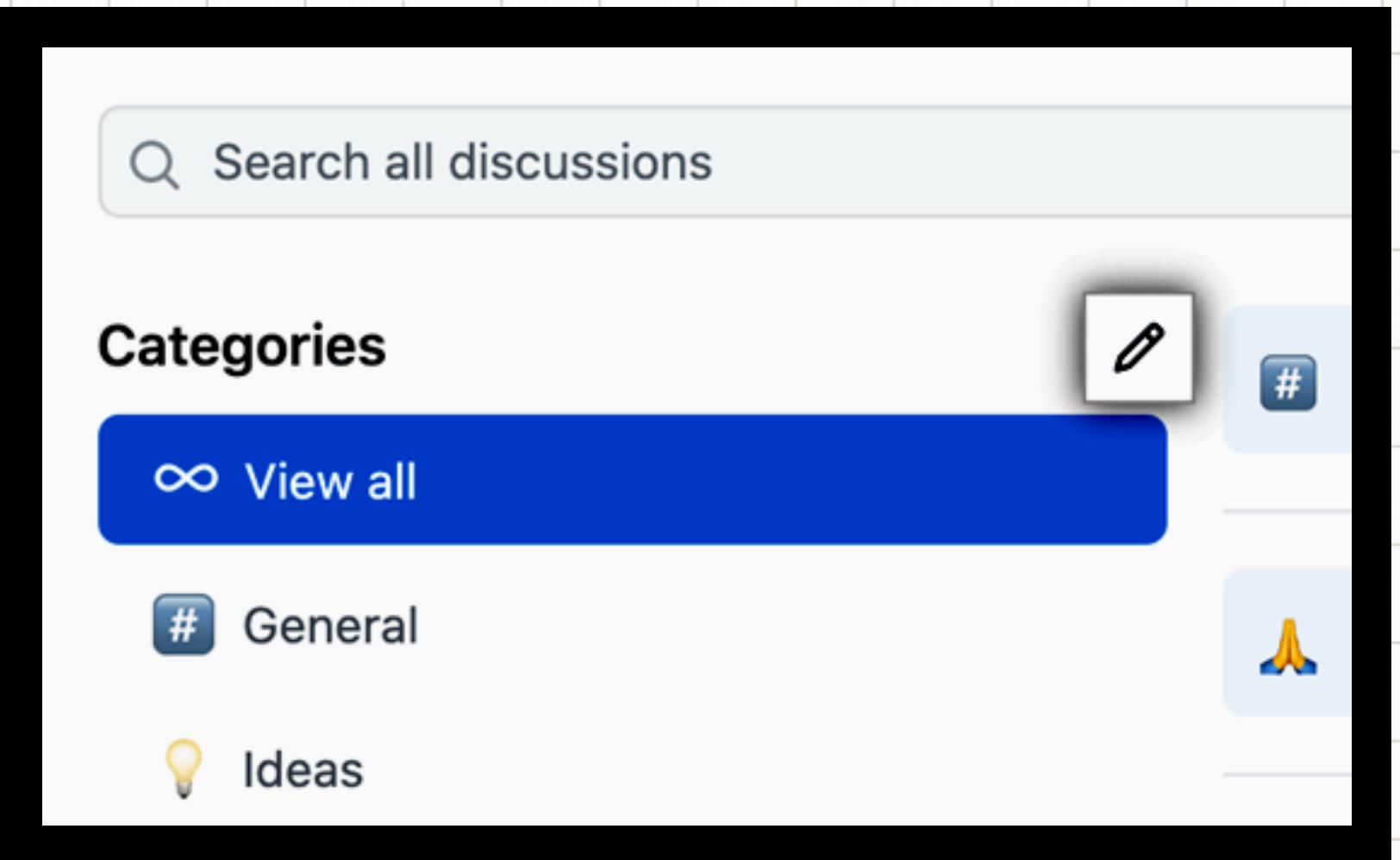


## EARLY ACCESS

- it had been available for a few months prior as a **beta** release.

# How to use GitHub?

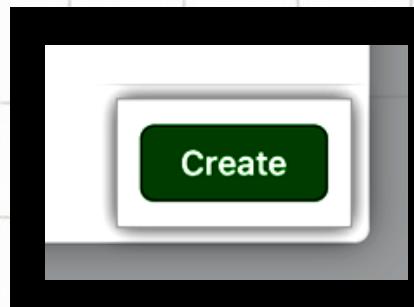
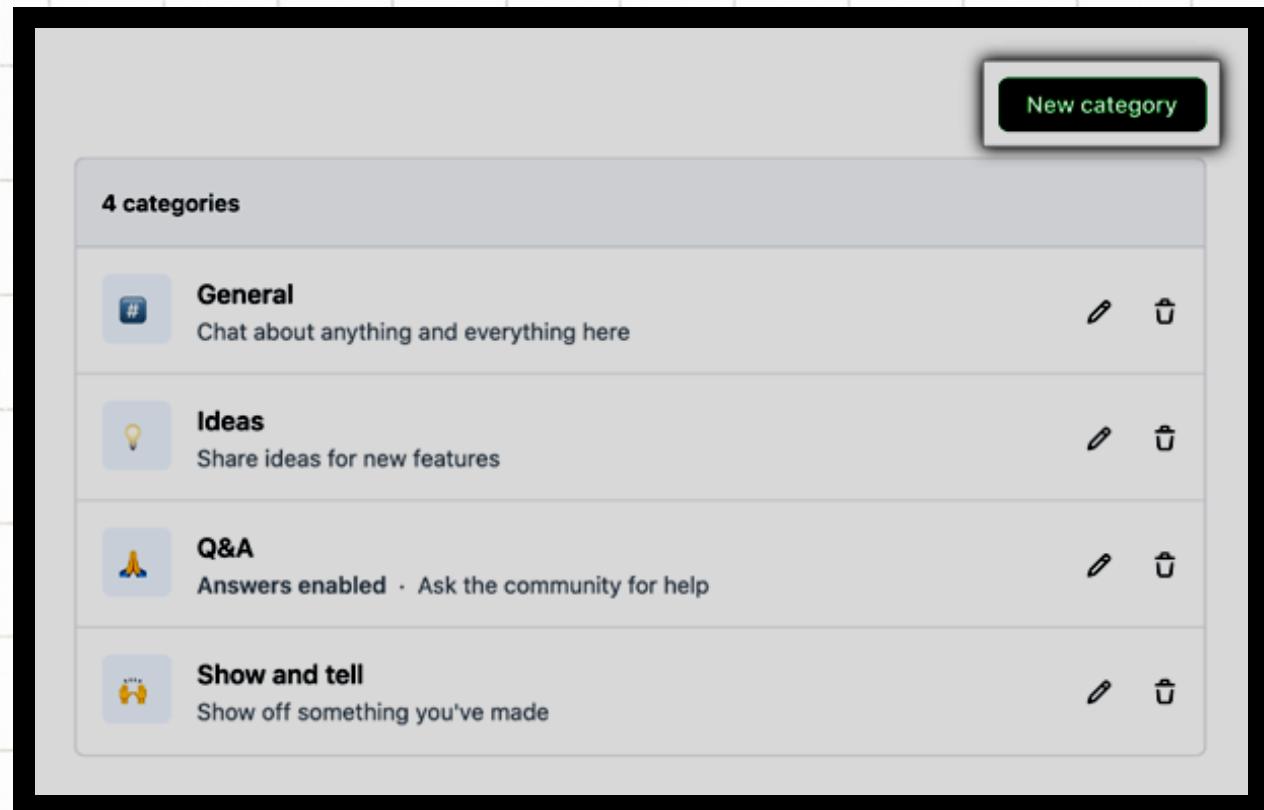
- On **GitHub.com**, navigate to the main page of the repository or organization where you want to create a category
- Under your repository or organization name, click **Discussions**.



- To the right of "Categories", click .

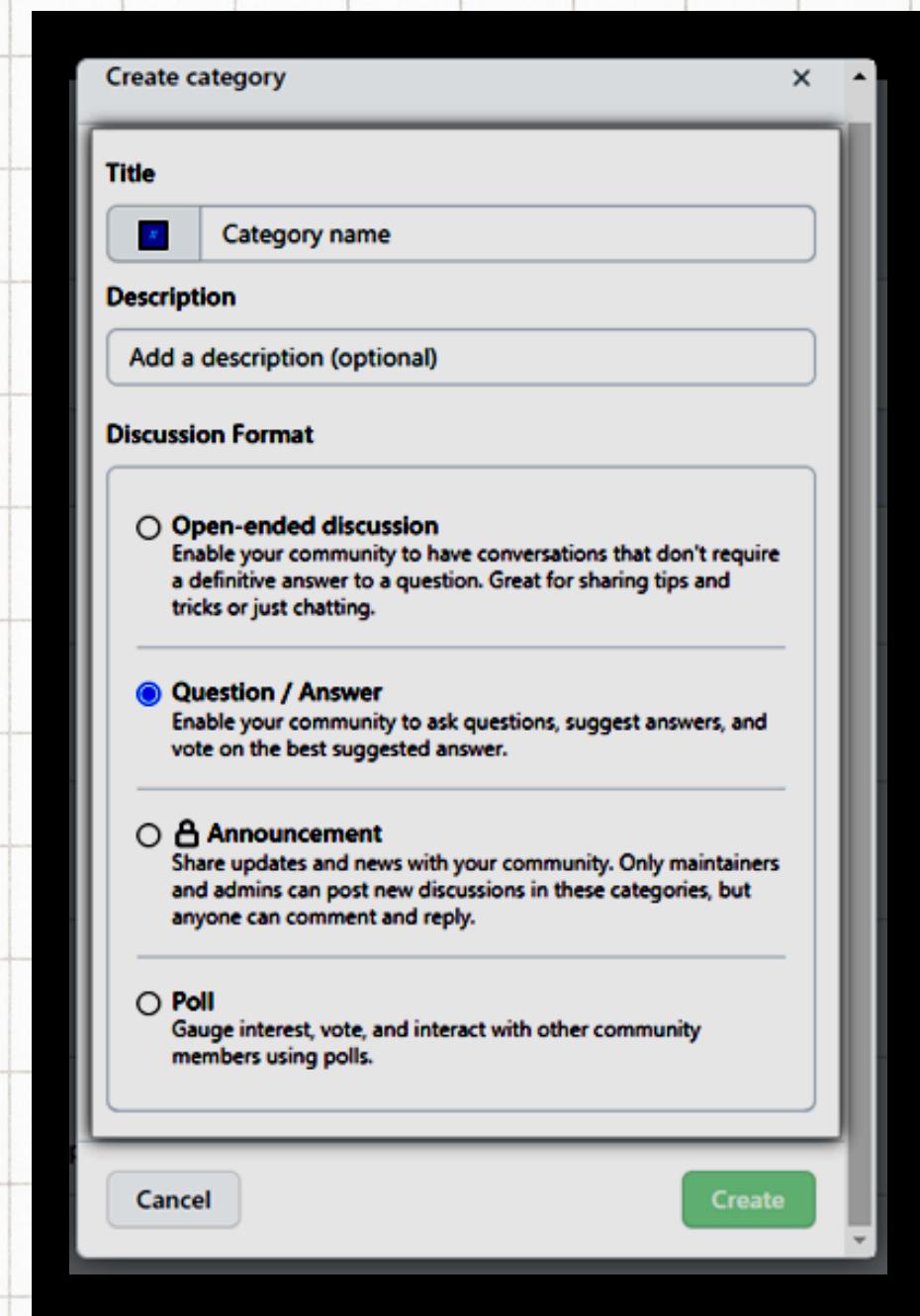
# How to use GitHub?

- Edit the emoji, title, description, and discussion format for the category. For more information about discussion formats, see "[About discussions](#)."



then click  
**create**

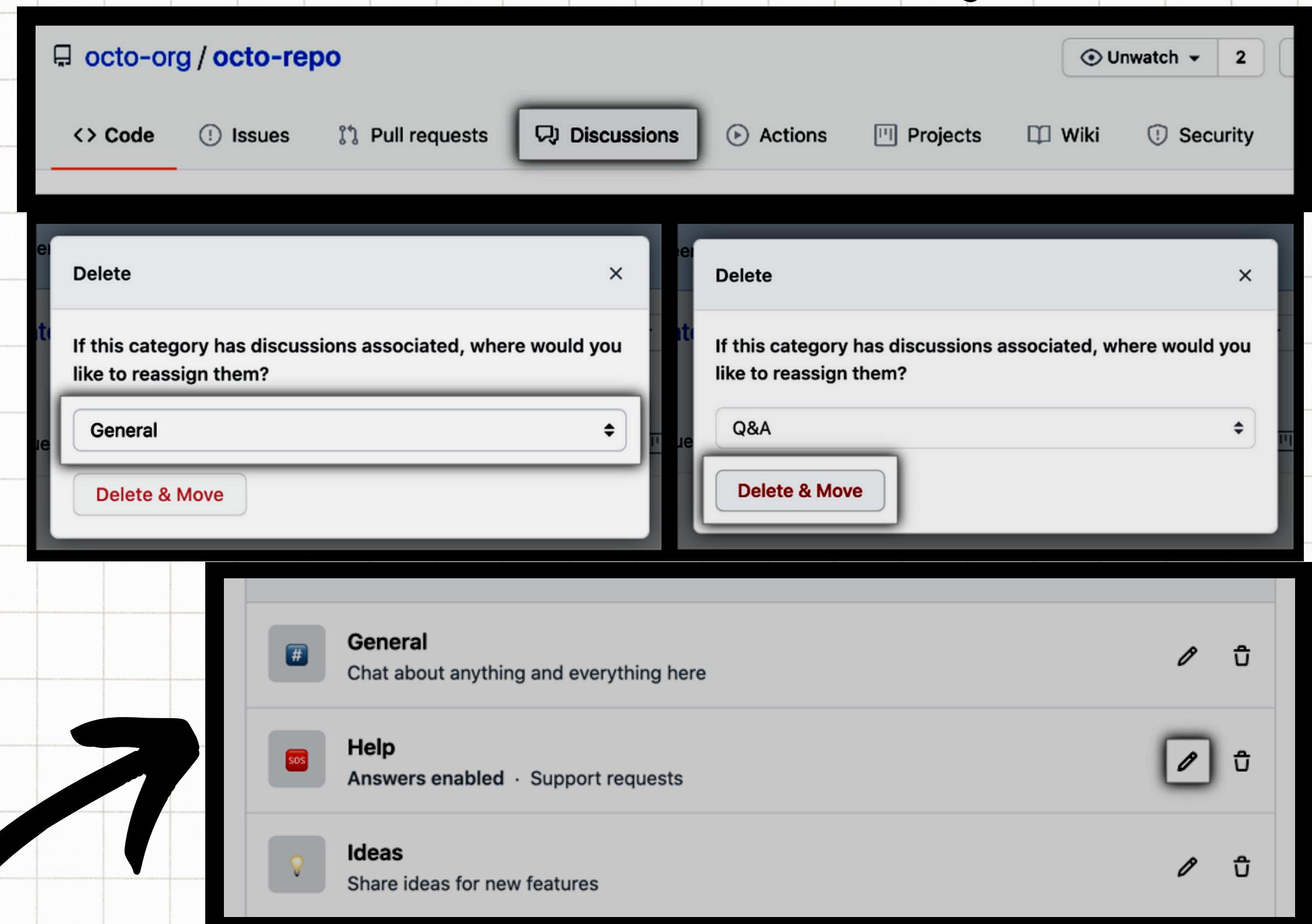
- Click New **category**



# How to use GitHub?

## Editing a category

- On **GitHub.com**, navigate to the main page of the repository or organization where you want to edit a **category**.
- Under your repository or organization name, click **Discussions**.
- To the right of a **category** in the list, click .
- Use the drop-down menu, and choose a **new category** for any discussions in the category you're deleting.
- Click **Delete & Move**.





# Advantages

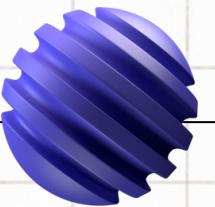
- Amazing system for the open-source code base
- Allow easy sharing
- Has a sophisticated and user-friendly UI
- Offered pull requests and comments
- Has a large community
- Easy setup
- Allows remote collaboration
- Provides easy control feature
- Has a consistence addition of new features

# Disadvantages

- Doesn't offer good API development
- Slightly expensive for those in search of a private repository
- Not feature rich
- Buggy upgrade process
- Lacks some enterprise-level feature
- Has quite a lot of bugs

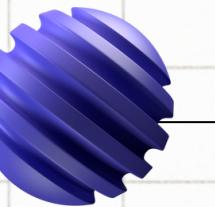
# Introduction

Blackbox AI is a code search engine that uses artificial intelligence to extract code from video, image, PDFs and other sources to provide IT service for the user that help to understand and implement accurate answer and problem solving.



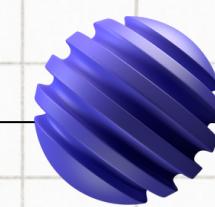
## FEATURE

- AutoComplete feature



## FEATURE

- Turn Any Question to {Code}:

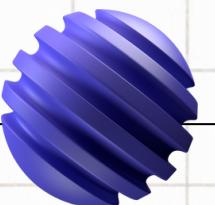


## FEATURES

- Extract any codes from videos

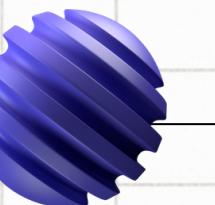
# History

Blackbox AI is a tool which developed by Roger Rizk and lunched in 2018. It is built on computer vision and machine learning company of large language models in NYC and has been optimized for dialogue



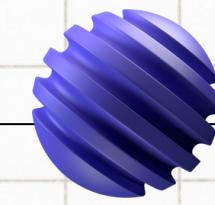
## FOUNDER

- Jason J Sosa and Roger Rizk are the founders of Blackbox AI The company was founded in 2017



## TEAM

- Jason J Sosa
- Shahid Chishty
- Damien Yee
- Dimitar Lukarski PhD
- Oliver Zeller



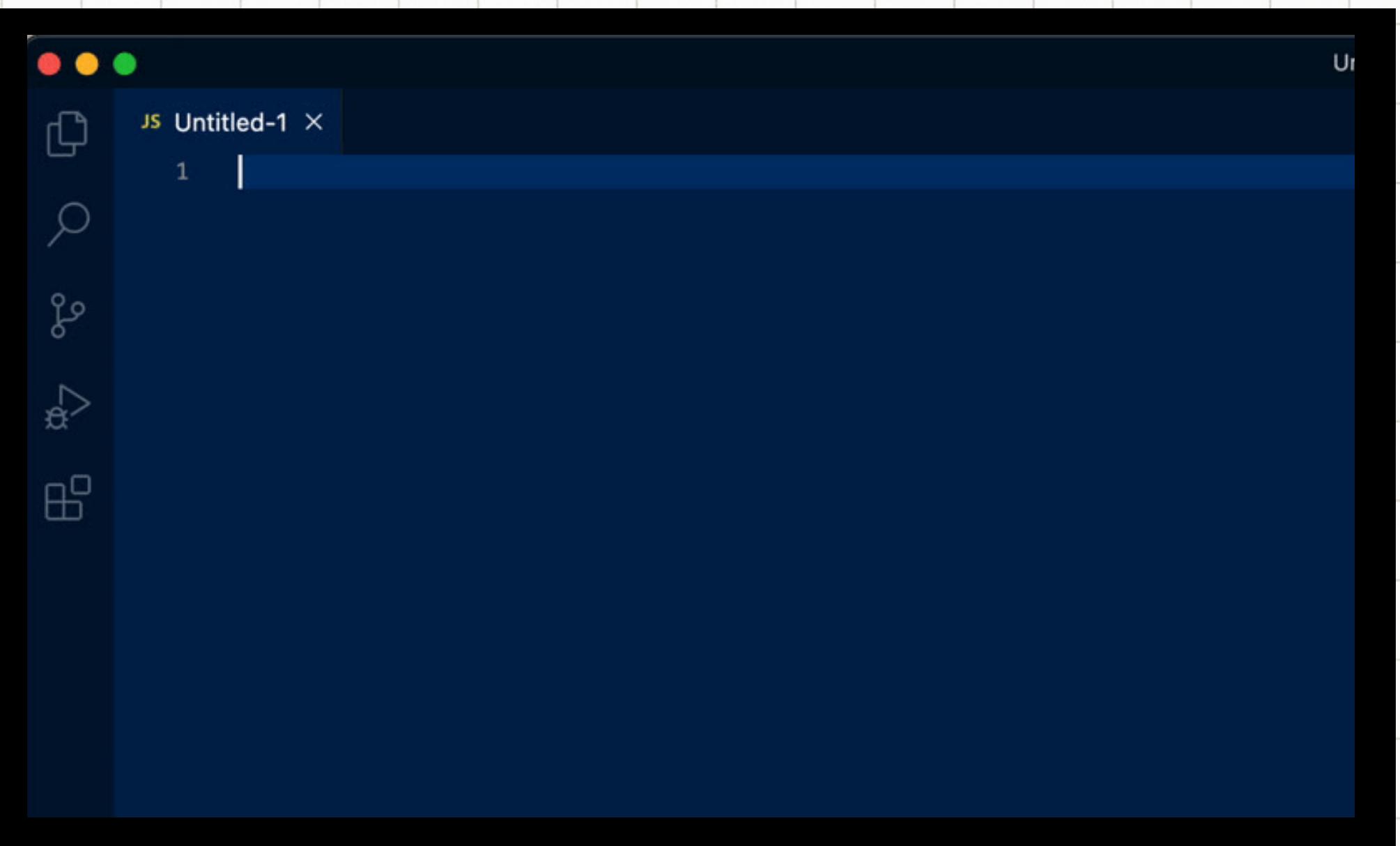
## CO-FOUNDER

- Roger Rizk is the Co-Founder and COO

# How does Blackbox AI work?

## AutoComplete feature

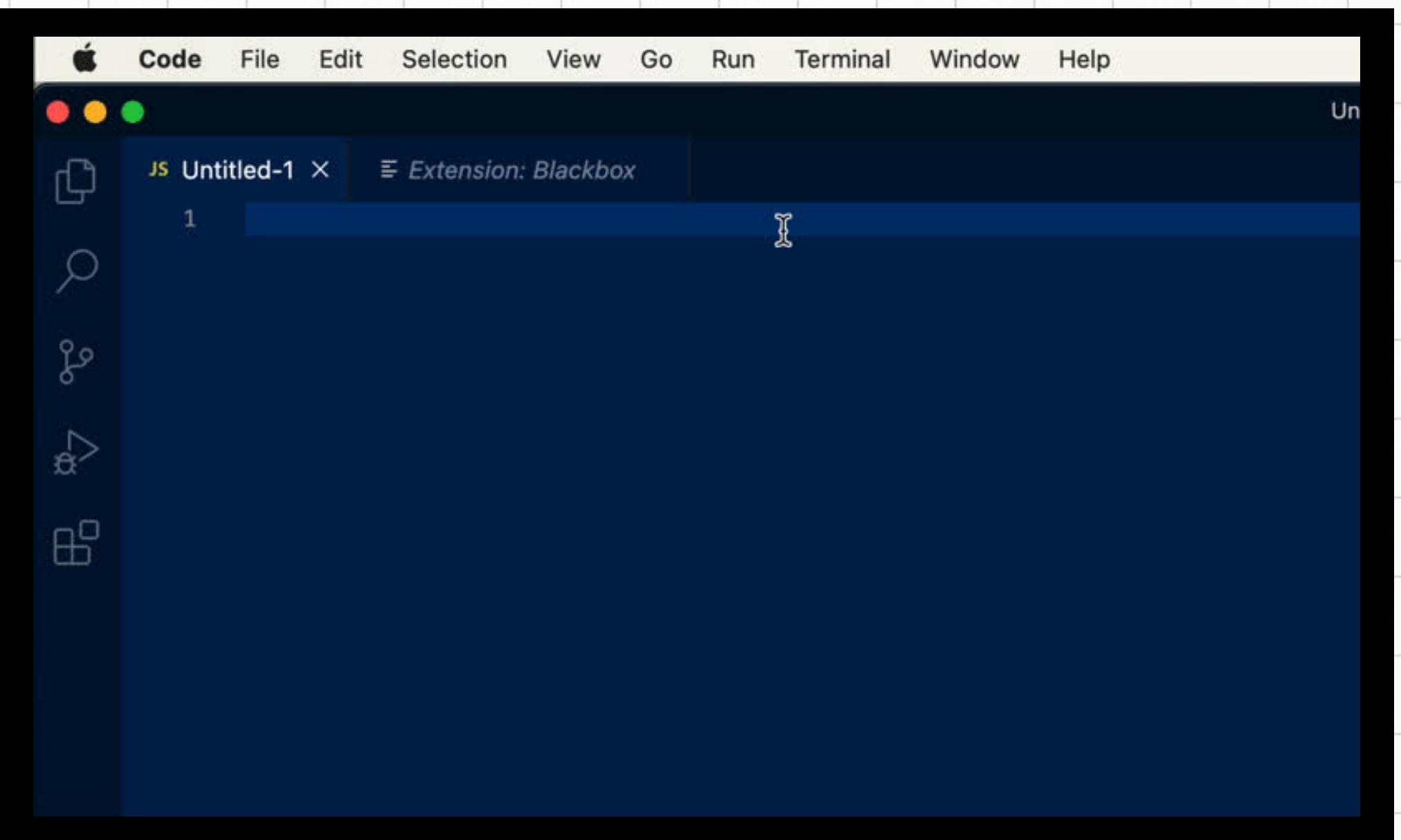
- Code **autocomplete**s in 20+ programming languages including Python, JavaScript, TypeScript, Go, and Ruby



# How to use Blackbox AI?

## Turn Any Question to {Code}:

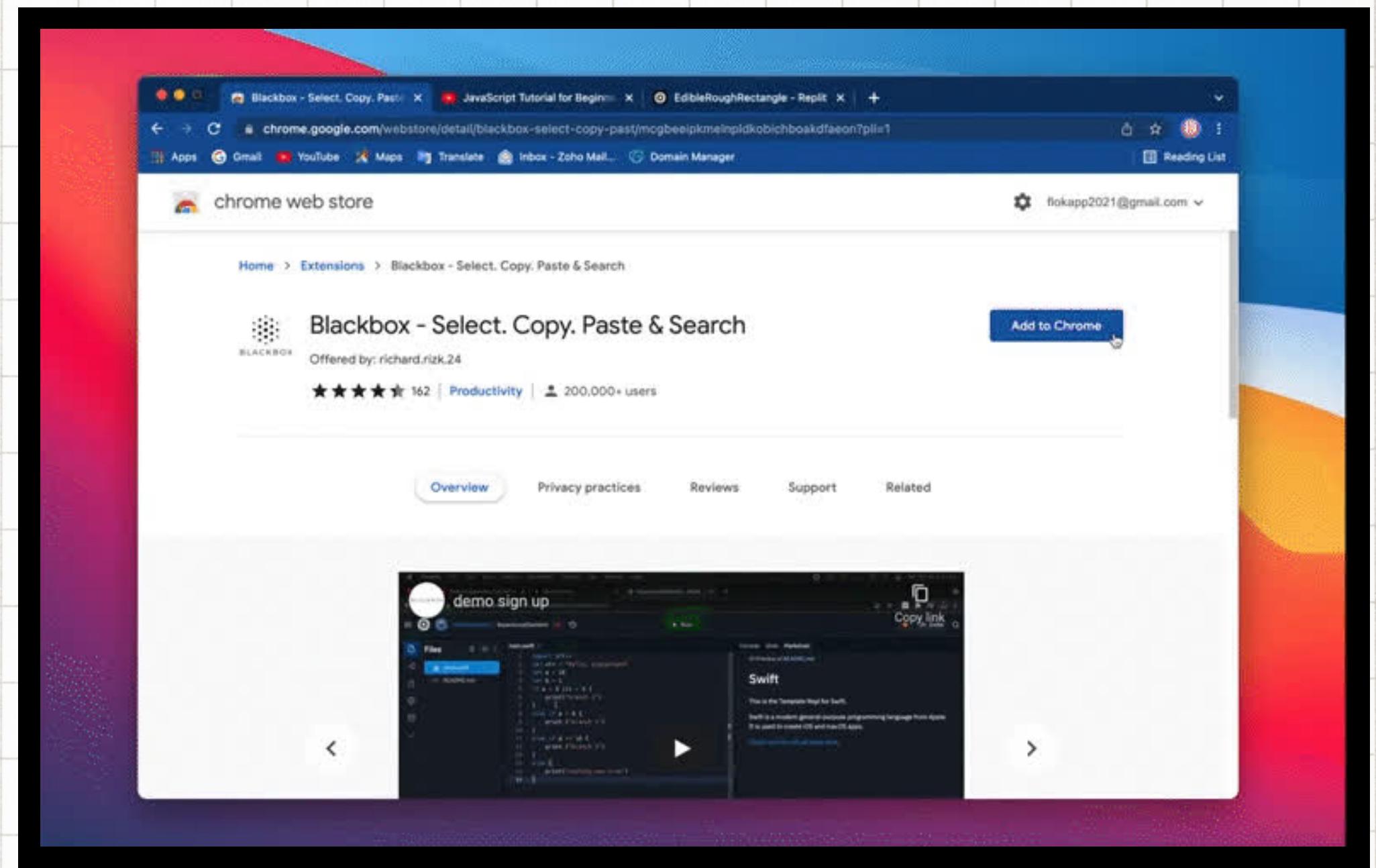
- **Code search** in 20+ programming languages including: Python, Java, C and C++, C#, JavaScript, SQL, PHP, Go, TypeScript, Kotlin, MATLAB, R, **Swift**, Rust, Ruby, Dart, Scala



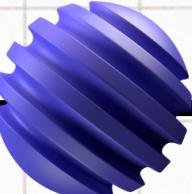
# How does Blackbox AI work?

## Extract any codes from videos

- Use **Blackbox** to select the code you want to copy from **any video** you are watching and simply past it in your text editor.... Works like magic!

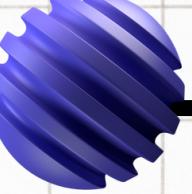


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# Advantages

- Easy to access on the website
- Autocomplete essay
- Can access everywhere
- Available in any programming languages
- Compatible with many IDEs ,web browser and many more
- Experience without distractions



# Disadvantages

- Can't save the important snippet
- Optional pay subscription plan price 1.99/week
- No priority support
- Lack of inaccurate class lesson



# What is ChatGPT?

ChatGPT (Chat Generative Pre-trained Transformer) is a chatbot developed by OpenAI and launched in November 2022. It is built on top of OpenAI's GPT-3 family of large language models and has been fine-tuned (an approach to transfer learning) using both supervised and reinforcement learning techniques.



## HISTORY

- ChatGPT was launched on November 30, 2022 by OpenAI, a San Francisco-based company



## RECORDS

- It quickly gained over one million users and is now the hottest brand in the tech space



## BUILD

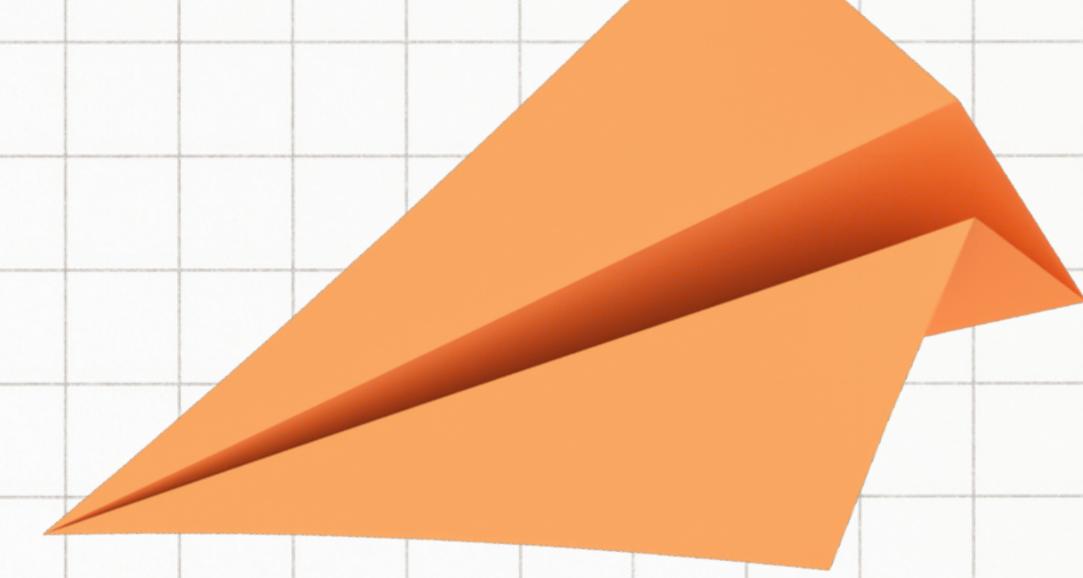
- It is built on top of OpenAI's GPT-3 family

# Advantages

- Ability to generate personalized and engaging content for customers.
- Available in any program languages.
- Ability to writing blog posts.

# Disadvantages

- Limited understanding of the context and intent of the customer, which can lead to inaccurate or irrelevant responses.
- Potential for bias in the data used to train the model.
- Limited ability to personalize experience based on customer's history and past interactions.



# Conclusion

## What to take from this presentation

- If you are beginners, we highly recommend you using Blackbox Ai, because it's user friendly and is more accessible.
- However if you've experienced coding before, you should use ChatGPT because it offers multiple-tool or Stackoverflow because there are veteran coders that would help you voluntarily.
- If you're an expert, we advise you using Github because it have active communities and multiple libraries.

