



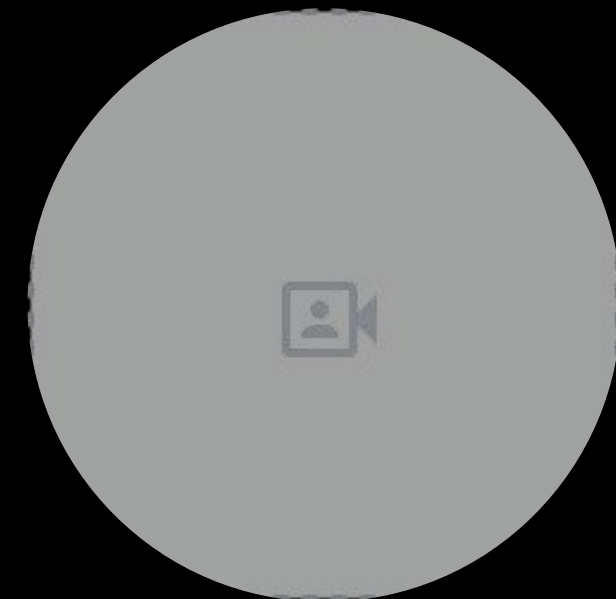
# The second step of being a good developer

Jaiditya Khemani  
Developer Advocate





# Step 1: Learn to code.



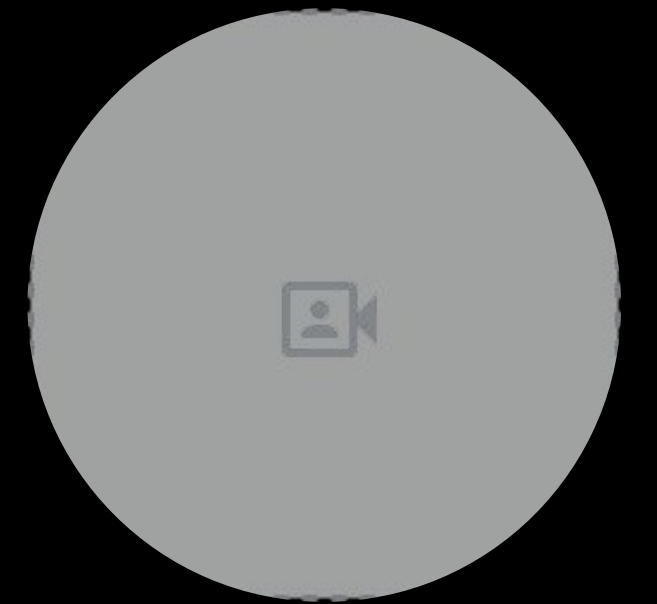
# An Introduction to Professional Software Development

Covering the features and use of PyCharm.  
Learning the basics of an IDE, Debugging, Testing and VCS.





# What can you gain in the next hour?

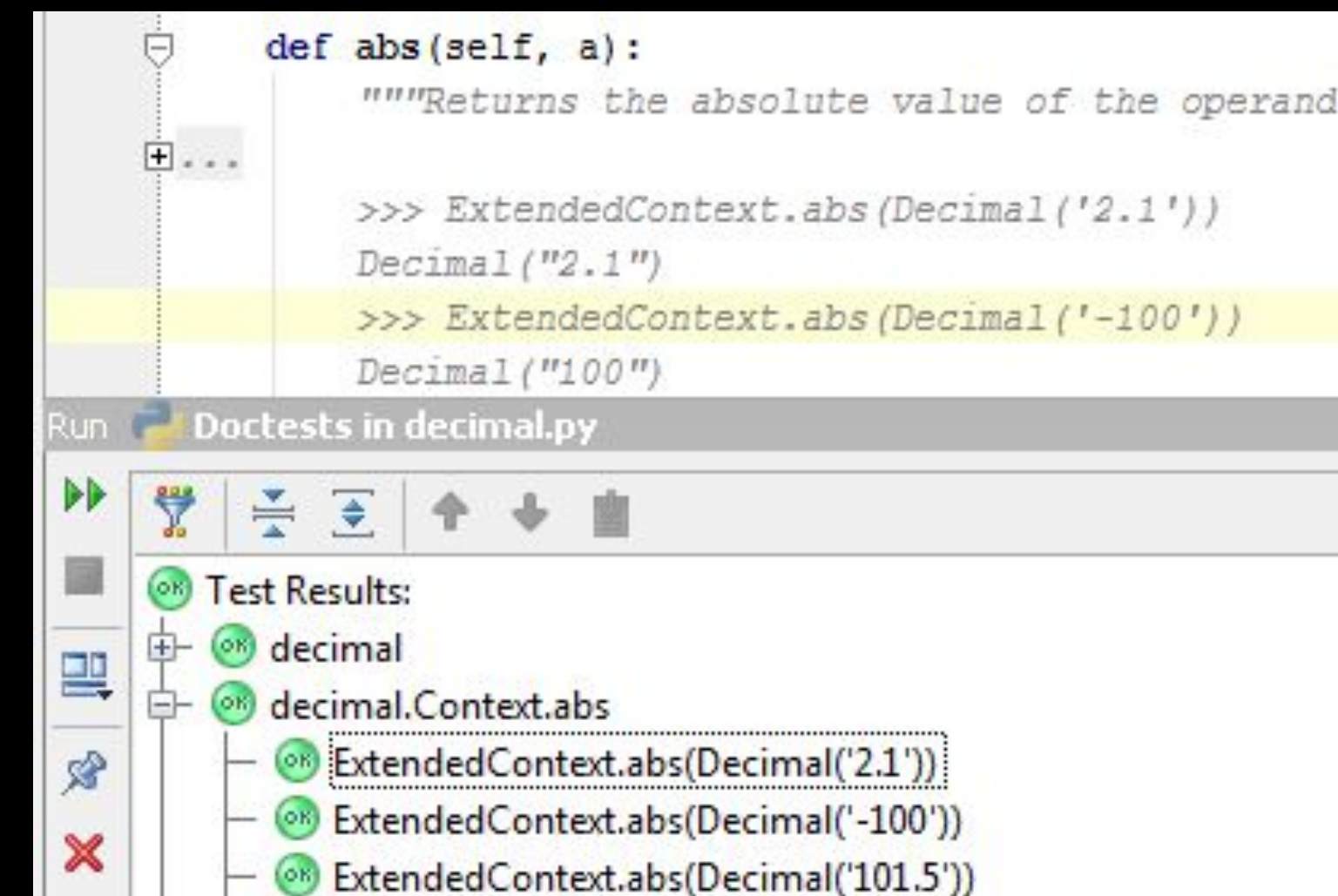
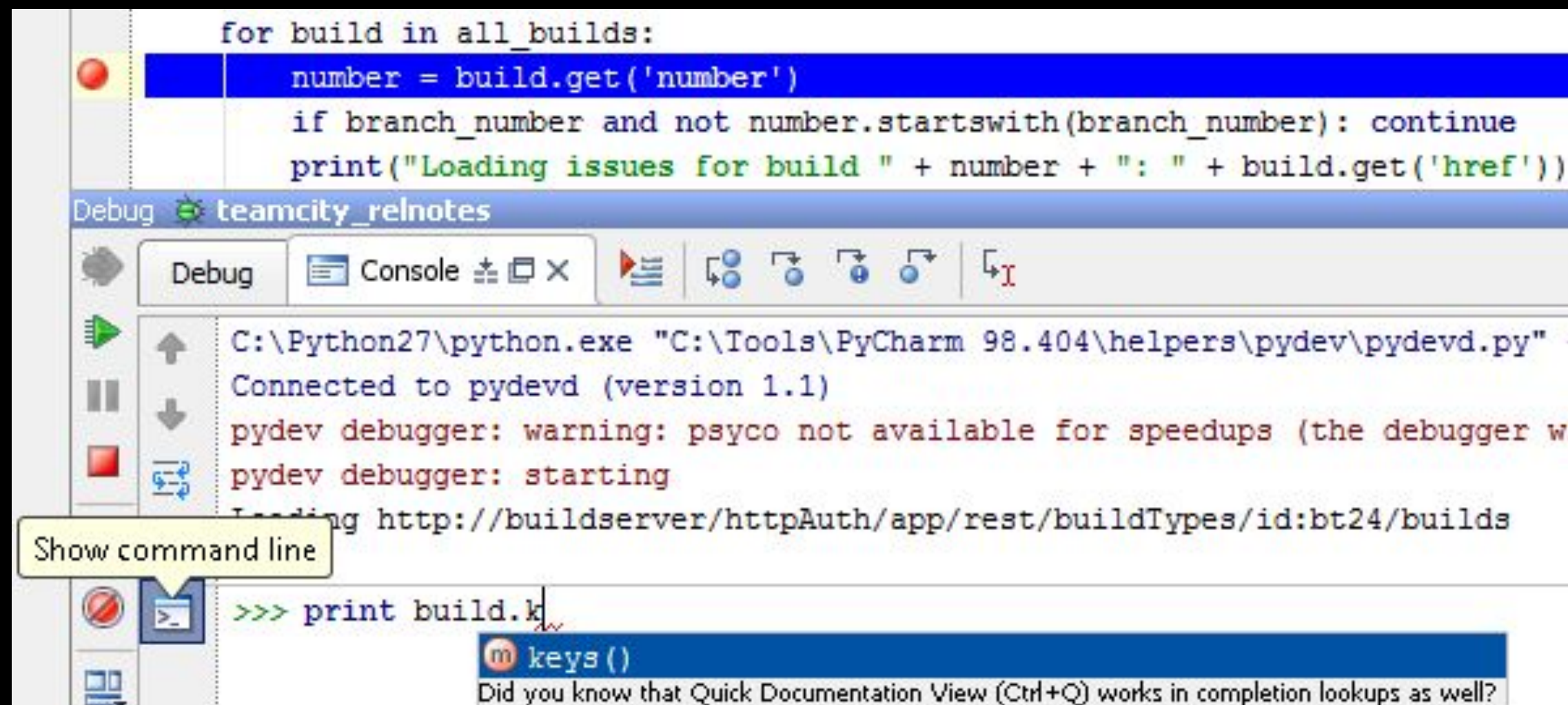


Skills that help you  
become faster and more  
efficient



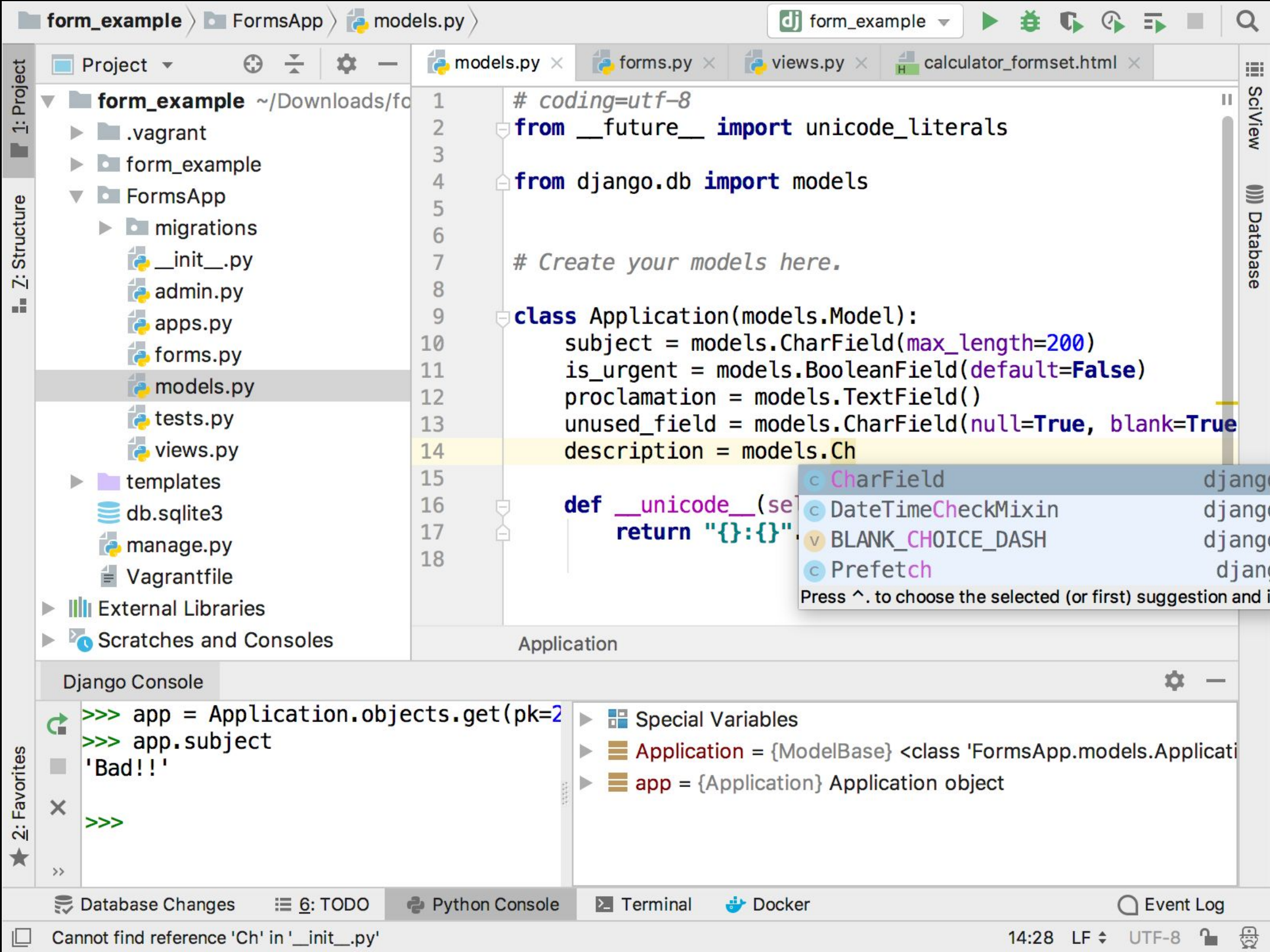


# PyCharm

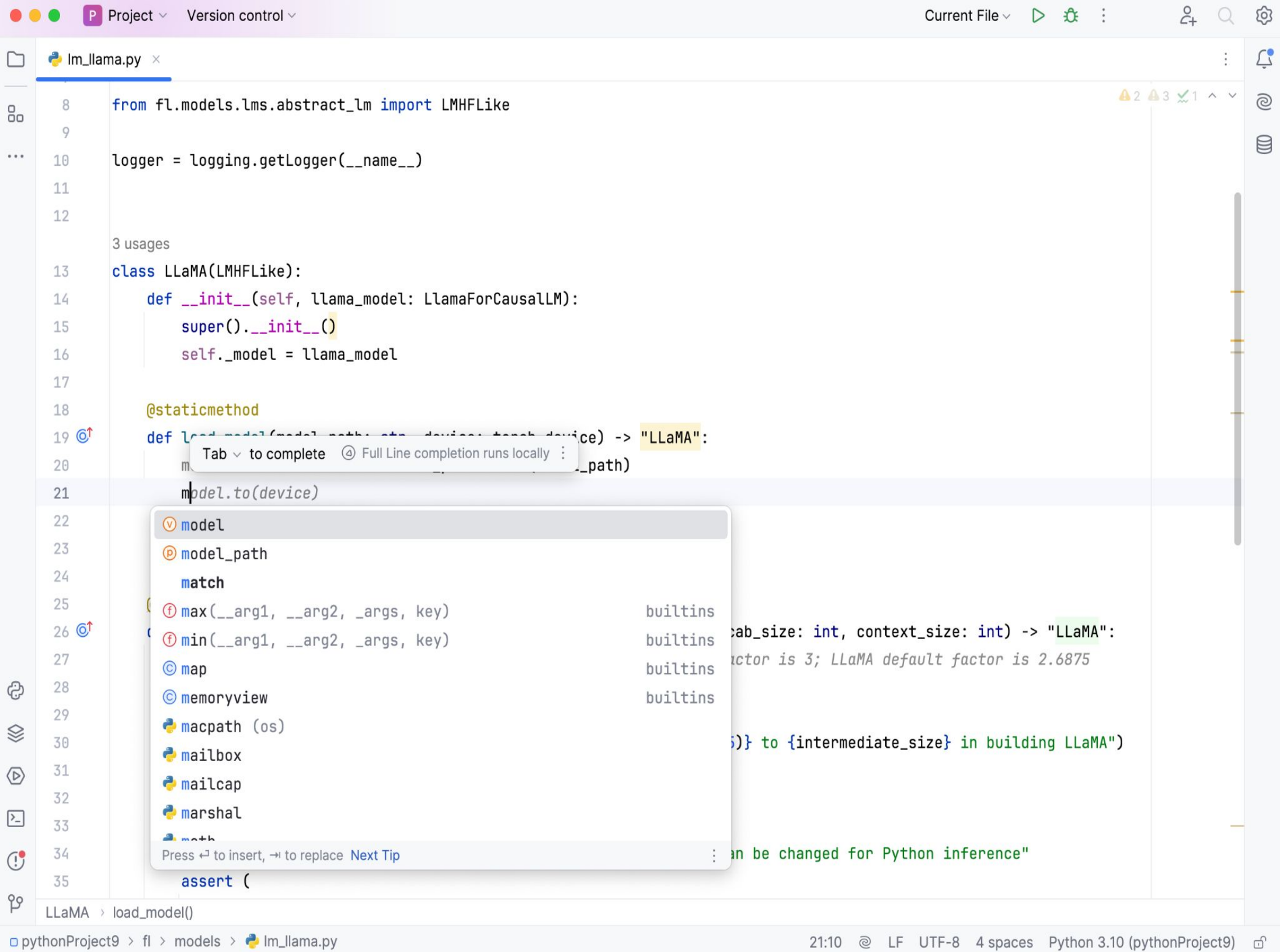


Released in 2010. Here are some samples from the original PyCharm [release announcement](#).



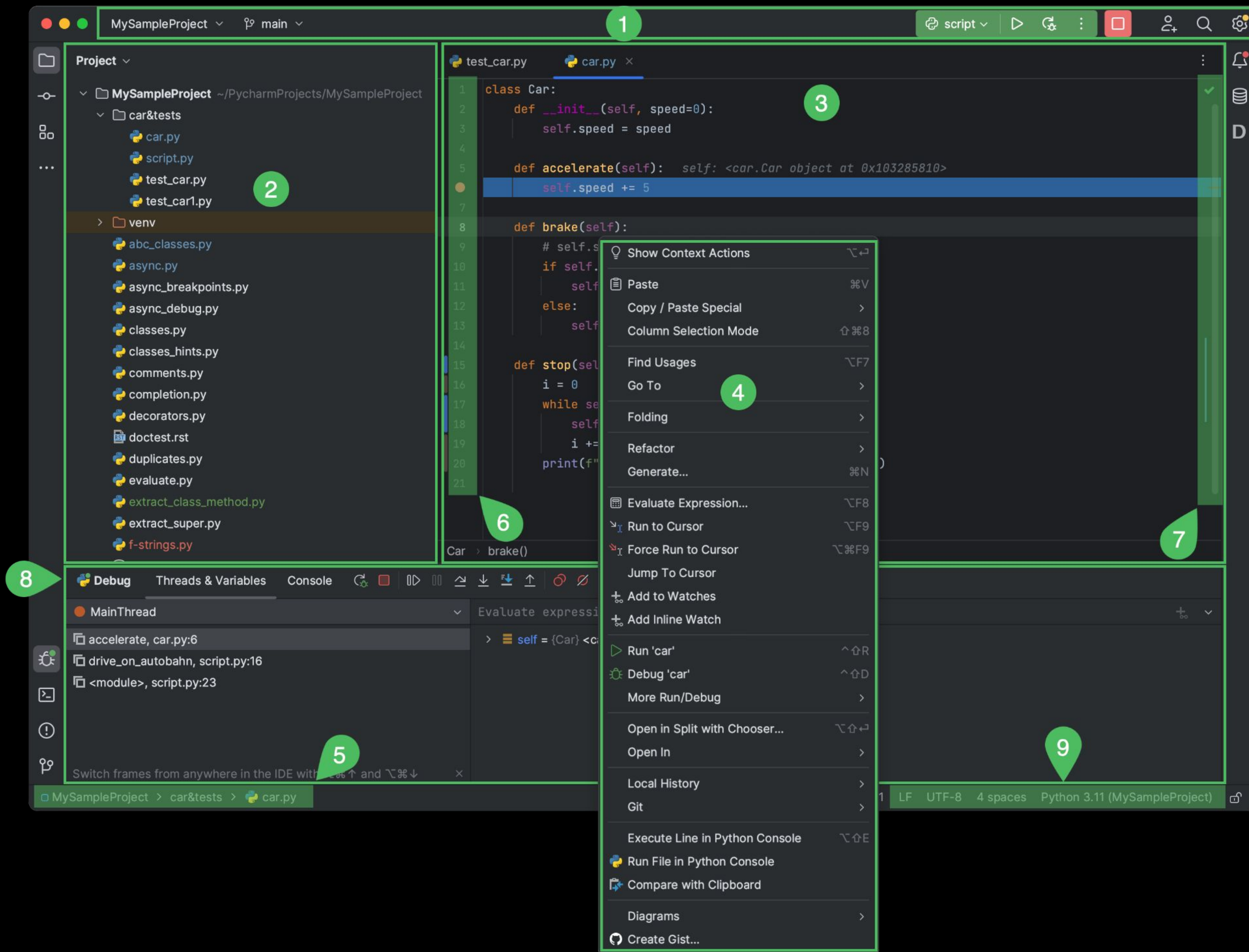


2018.3



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# Debugging

During a debugging session, you launch your program with the debugger attached to it. The purpose of the debugger is to interfere with the program execution and provide you with the information on what's happening under the hood. This facilitates the process of detecting and fixing bugs in your program.

## ▼ Run and debug

Run your code and fix errors with the IDE visual debugger.

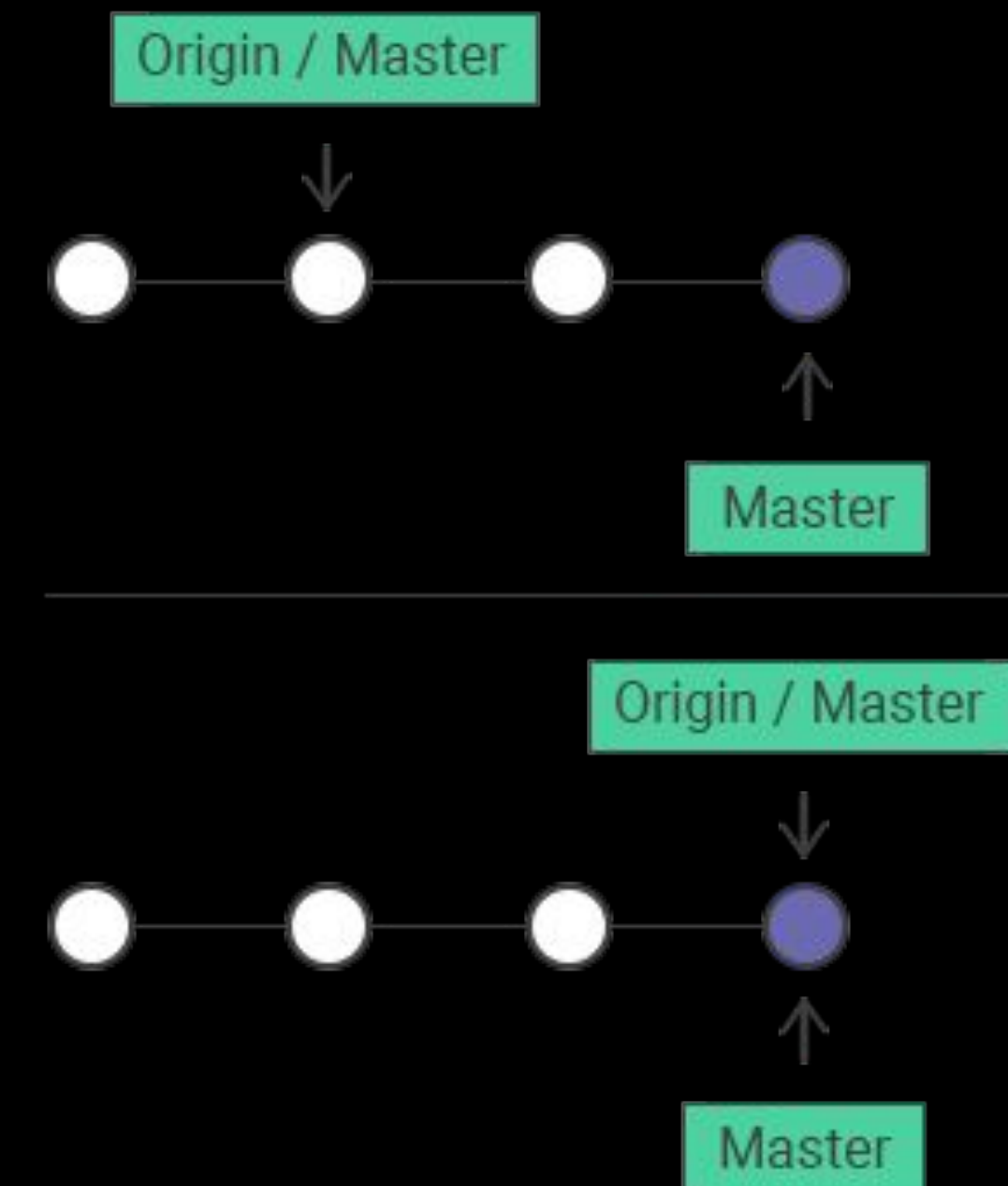
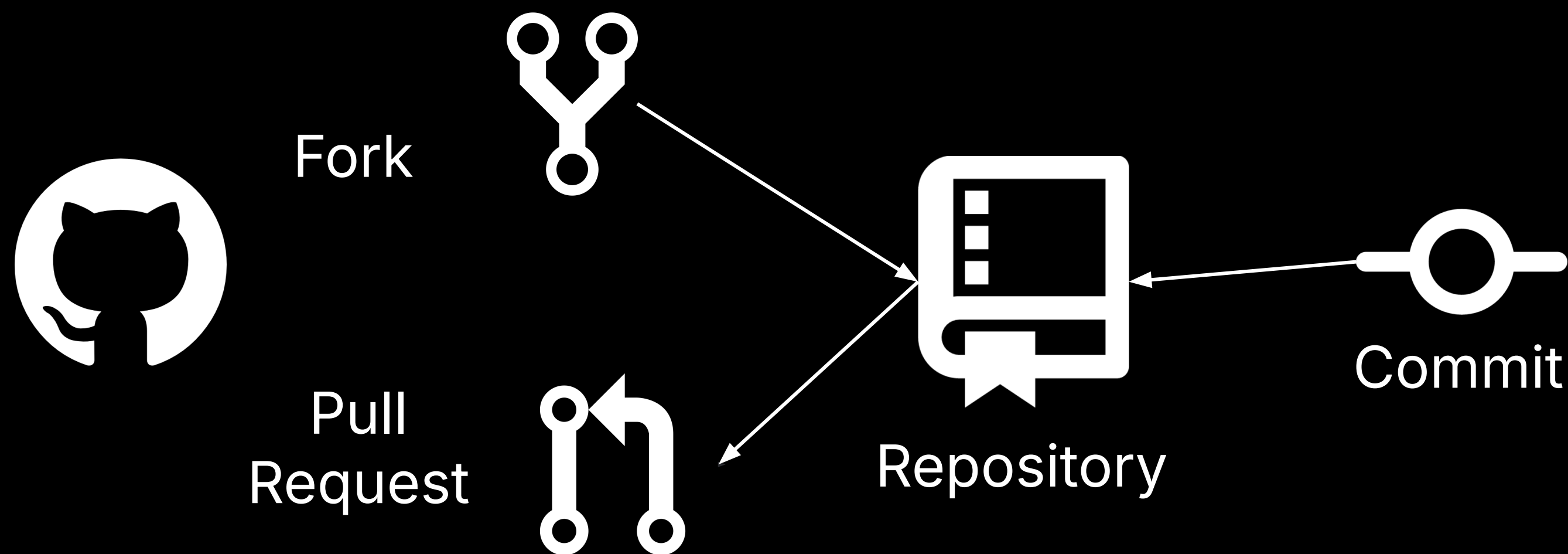
[Run configuration](#)

[Debug workflow](#)



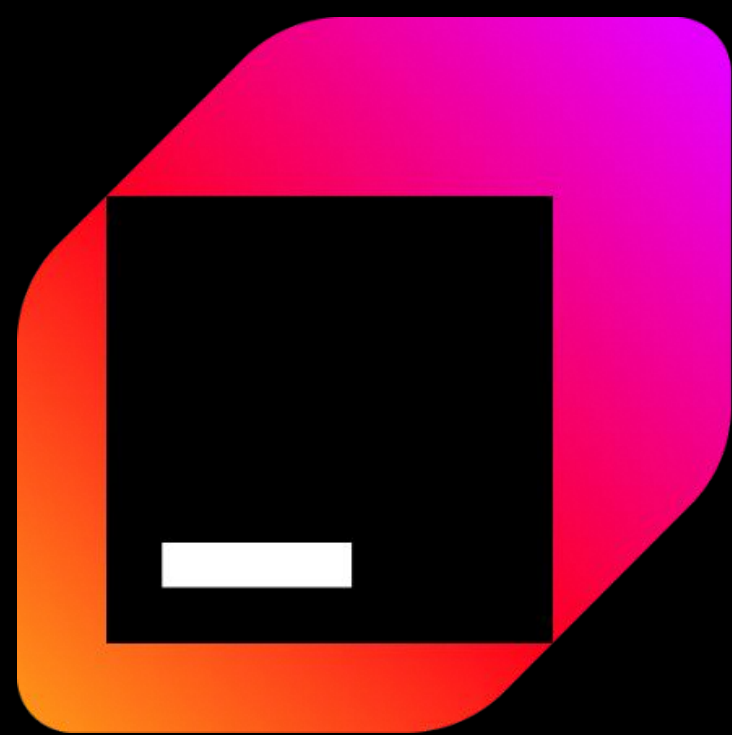
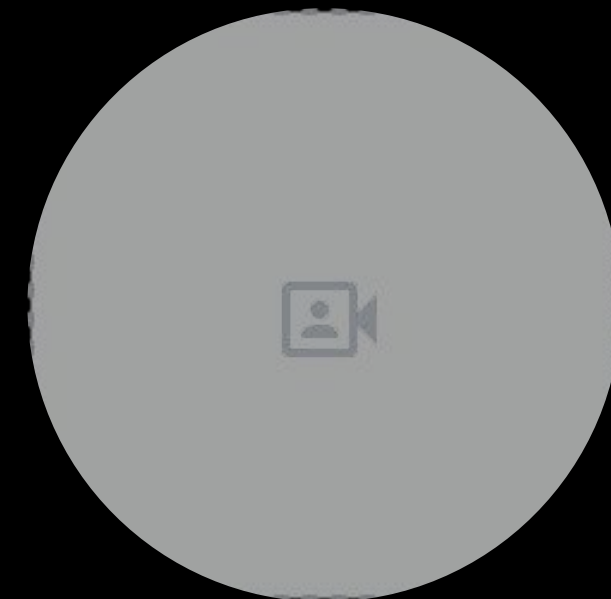
# VCS (Version Control System)

It is an important software development practice for tracking and managing changes made to code and other files.



- Local History in the IDE

Changes on Push



**JETBRAINS**





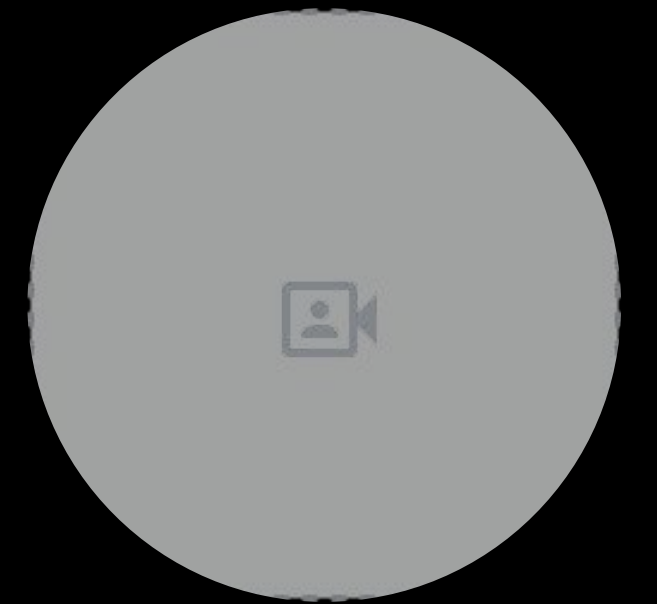
**No matter whether you do**

**Data Science and Analytics**

**We have a solution for you!**

# Why JetBrains IDEs?

STATS GRAPHS TO BE ADDED



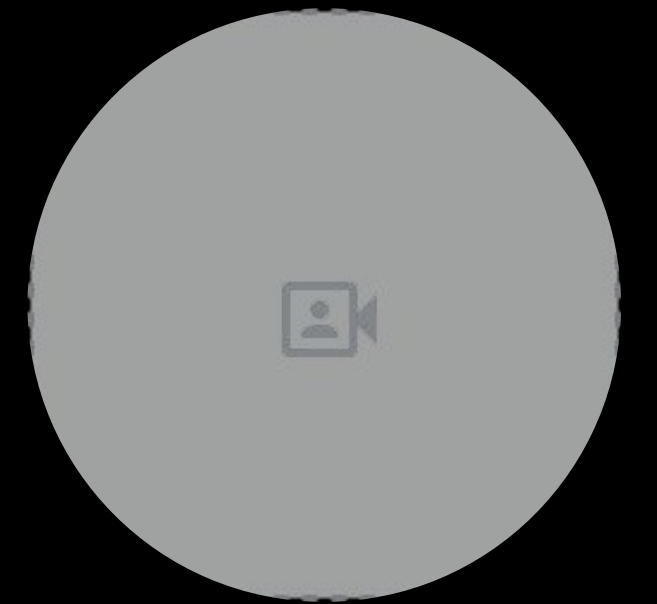




# Why JetBrains IDEs?

- **Reliable:** Successfully tried and tested, our products have been used by more than 18 million developers since 2001.
- **Ready to Work:** Our IDEs are fully equipped out of the box with all the essentials for your everyday tasks, such as version control, database tools, unit testing, and more.
- **Smart:** The combination of intelligent code analysis, powerful search functionality, advanced features like AI, and ease of use enable you to create higher quality software in less time.
- **Multilingual:** In addition to focusing on a major technology stack, all IDEs bundle top-notch support for the most relevant technologies for your real-life projects.
- **Uniform:** Because they are based on a single platform, if you've learned one of our IDEs, then you've mastered them all.

# JetBrains for Students



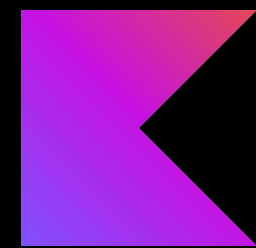
Get free access to all JetBrains IDEs for personal use at school or at home with our **Educational Licenses**.

**JetBrains Academy:** Jumpstart your career with essential developer skills.

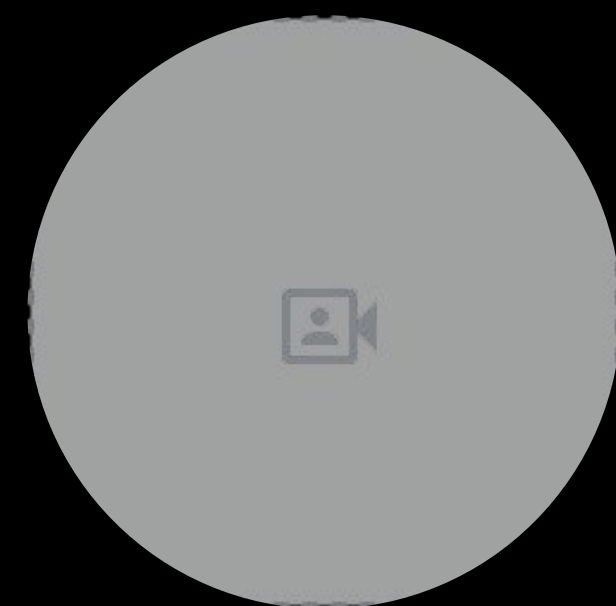
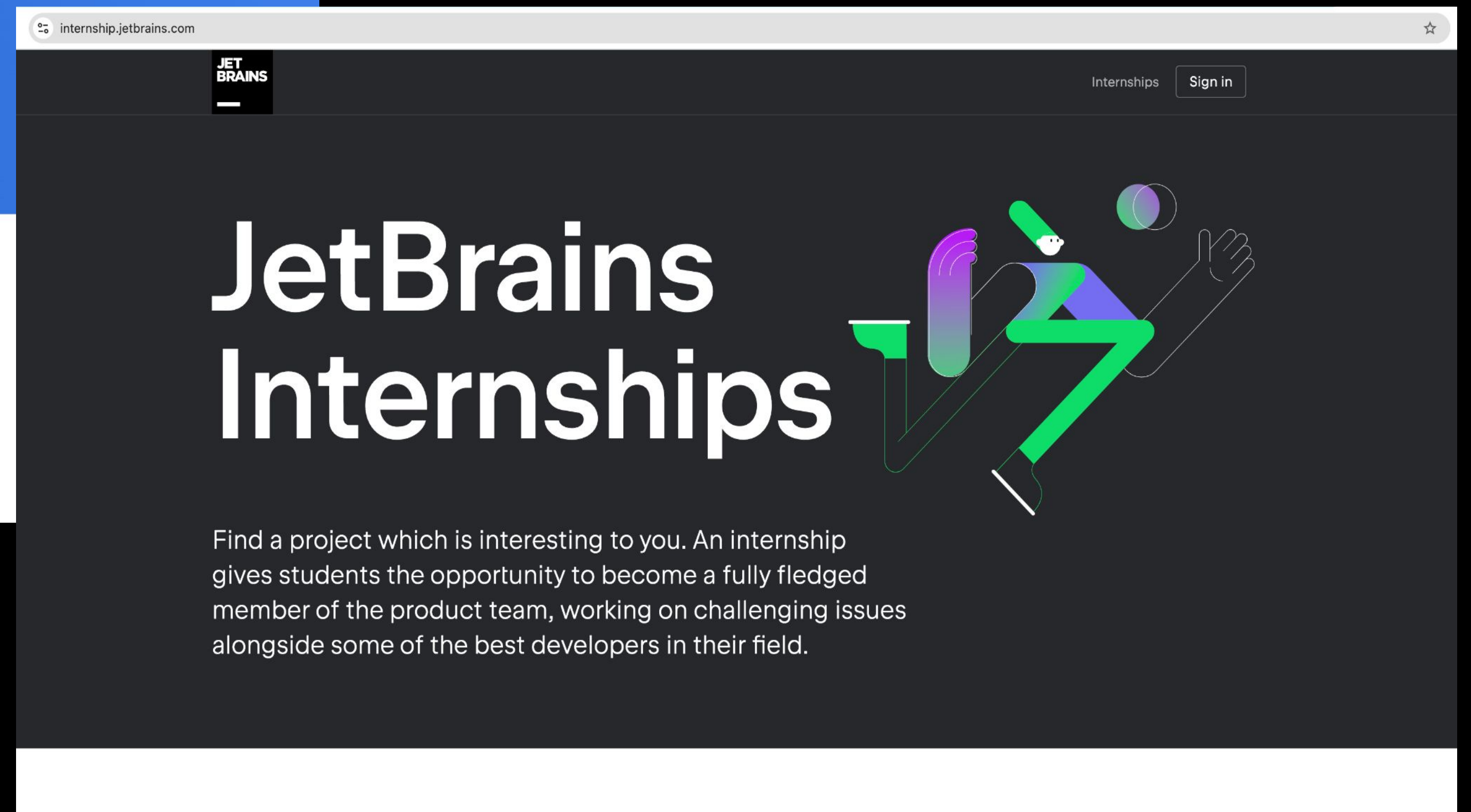
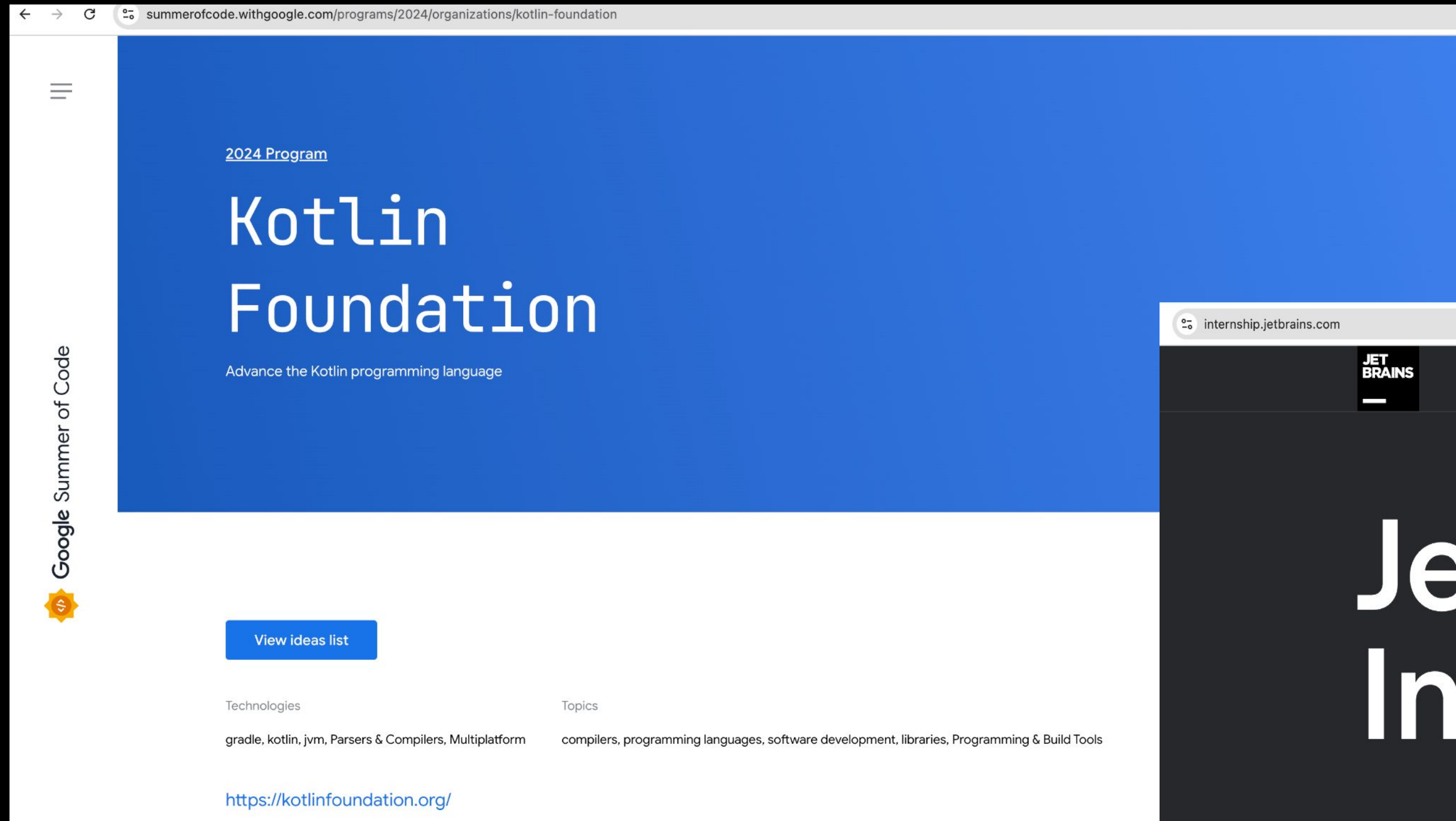
- Prepare for technical interviews with frequently asked questions.
- Learn fundamentals through hands-on projects.



**Kotlin!!!**

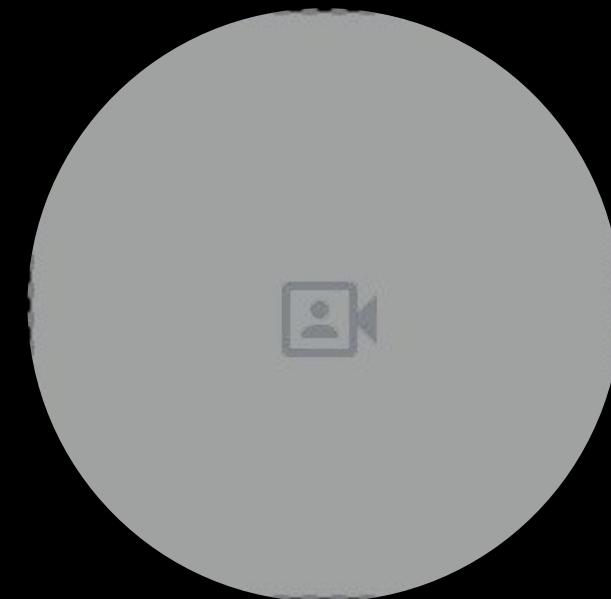






The background of the image is a stylized world map. The map is divided into four quadrants by a vertical line and a horizontal line. The top-left quadrant is red, the top-right is blue, the bottom-left is yellow, and the bottom-right is green. The continents are shown in a darker shade of their respective quadrant color. The word "Kahoot!" is written in a large, white, rounded font across the center of the image, spanning across all four quadrants.

Kahoot!



# Thank you!

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