Good evening everyone,

Today, I want to talk about our approach to how students learn to code. The main goal of the project is to improve the quality of code written by students through real-time advice and feedback. Imagine a class where each student gets instant, personalised advice on how to improve their code as they write it.

Our research at ITMO University Lab has resulted to the development of a "hints module" tool for the Code&Test platform. This tool is a bridge to understanding programming in a way that has never been done before. By offering immediate feedback on code quality, it eliminates a critical problem in the long wait for a response.

The results we've achieved so far. If we look at the bar chart to the right, we can see that Students using our hint module have shown a significant increase in code efficiency of around 25 percent.

Going forward, my team will look into increasing the number of supported programming languages in the module. And the possibility of monetizing this system.

If you want to see how the platform works, you can go to the QR code on the bottom right of the poster.

Thank you for your attention