Track 1: Hands-on Session **Using AI for technical software engineering - part I**
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Hands-on Coding session with GitHub Copilot by using some programming language (Java, Python or C++). Attendees should have knowledge of programming at least one of these laguages.

Pre-Assignment – These tasks should be done before hands-on session.

Tool: GitHub Copilot https://github.com/features/copilot
- Programming tool (or plugin in different environments)
- Free for students, Free trial, or monthly 10$

Tool: Visual Studio Code https://code.visualstudio.com/
- "Free. Built on open source. Runs everywhere."
- Programming editor
- Different programming environments are installed with plugins.

Tasks :
- Get account for Copilot
- Install free Visual Studio Code (VSCode)
- Install programming environment to VSCode. Preferred environments: Java, C++, or Python.
- Install Copilot -plugin to VSCode
- Make the "Helloworld" and test the environment.

Demo
Phonebook with Java
- Person class
- Datastore
- Main- UI
- Testing with junit
- Dokumentation

Advanced: Smartphone calculator
- UI
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Exercises:

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Tool: ChatGPT
- Web interface
- Need to login (real email and phonenumber)
- Free to use