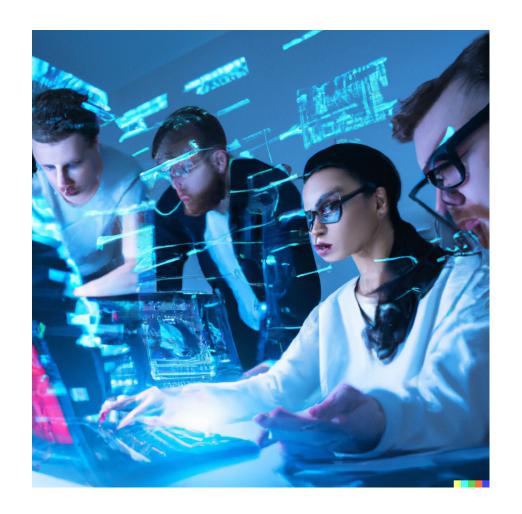


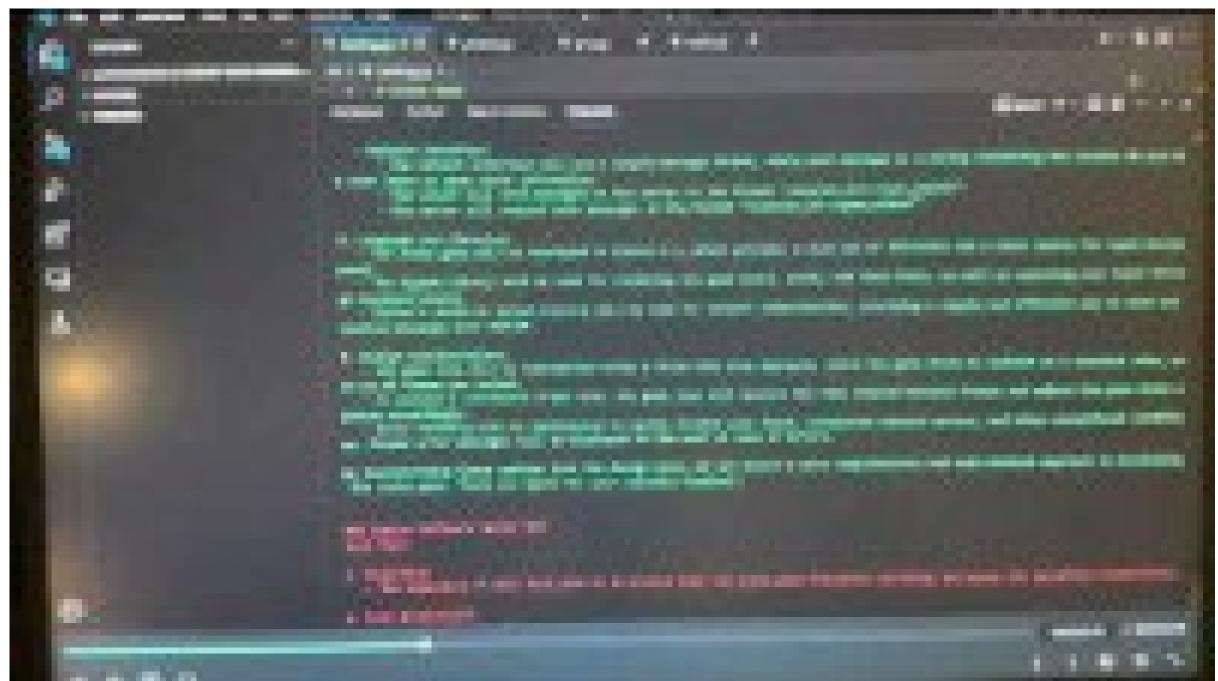


Al agents developing autonomously software: Demonstration

GPT-Lab, Tampere University



https://tinyurl.com/agent-gpt-demo



Known issues / challenges in SE

- There are several problems with the use of ChatGPT, Copilot and others, which need to be solved before wider adoption:
 - Code ownership, IPR issues
 - Limited applicability scope (limited due to training data)
 - False instructions, advice, information
 - Code defects
 - Known and unknown security threats
 - Security and privacy concerns
 - Working in a client development environment
 - Difficulty in integrating with an existing workflow and tools
 - Costs of large language models can be very high

