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Ans 1)

GitHub announced a ~~feature~~ preview of a new
AI-powered pair programming tool that aims to help
software developers write better code across a
variety of programming languages including
Python, Javascript, Typescript, Ruby, and Go.
Copilot, the name given to it is called has been
developed in collaboration with OpenAI and
leverages Code.

GitHub → Nat Friedman said in a blog post that
GitHub Copilot draws context from the code
you working on, suggesting whole lines or
entire functions. It helps you quickly discover
alternative ways to solve problems, write tests,
and explore new ideas without having to tediously
tailor a search for answers on the internet.

Copilot is not designed to write code on behalf of
the developer, while noting that users can cycle
through alternative suggestions and manually edit
suggested code.

Ans

2)

The code suggestions are based on a selection of English ~~language~~ and source code from publicly available repositories on GitHub. The company made it a point to explicitly pull out the consequences that may arise out of relying on low-quality code from the training set, which includes insecure coding patterns, bugs, or code to outdated APIs or idioms.

It said that the code autofilled by Copilot is largely unique with a test performed by GitHub finding that only 0.1 per cent of generated code could be found verbatim in the training set. GitHub Copilot is currently available as an extension for Microsoft's cross-platform code editor Visual Studio Code, both locally on the machine or in the cloud on GitHub Codespaces.