

GITHUB COPILOT SAMPLE QUESTIONS

1. **Which of the following subscription plans are available for GitHub Copilot?**
 - a. GitHub Copilot Free, Pro, and Team
 - b. GitHub Copilot Personal, Business, and Enterprise
 - c. GitHub Copilot Starter, Professional, and Enterprise
 - d. GitHub Copilot Individual, Business, and Enterprise
2. **How do you access GitHub Copilot's inline chat?**
 - a. Press Ctrl + Shift + C
 - b. Press Ctrl + Shift + P
 - c. Press Ctrl + Shift + Q
 - d. Press Ctrl + Shift + R
3. **What is the relationship between the "toxicity filter" and the "hate speech filter" in GitHub Copilot?**
 - a. The hate speech filter is a component of the broader toxicity filter
 - b. The toxicity filter and the hate speech filter are independent and operate separately
 - c. The toxicity filter is triggered only after the hate speech filter detects offensive language
 - d. The hate speech filter is more lenient than the toxicity filter, allowing for some forms of offensive language
4. **What does GitHub Copilot primarily use to generate code suggestions?**
 - a. Predefined code templates
 - b. Machine learning models
 - c. Manual code review
 - d. User feedback
5. **Which languages does GitHub Copilot support?**
 - a. Python, JavaScript, TypeScript, Ruby, and Go
 - b. Python, HTML, CSS, C++, and Java
 - c. JavaScript, TypeScript, Ruby, Perl, and Swift
 - d. All programming languages

6. **What is the main benefit of using GitHub Copilot in a project?**
 - a. It automatically writes all your code for you
 - b. It provides intelligent code suggestions to enhance productivity
 - c. It enforces coding standards and guidelines
 - d. It handles version control for your code
7. **Which command is used to enable GitHub Copilot in VS Code?**
 - a. Copilot: Enable
 - b. Copilot: Start
 - c. Copilot: Activate
 - d. Copilot: Open
8. **What is the significance of the "Copilot Chat" feature?**
 - a. Allows users to chat with other developers
 - b. Provides a platform for real-time code collaboration
 - c. Offers interactive code suggestions and discussions with GitHub Copilot
 - d. Integrates with social media platforms for code sharing
9. **How does GitHub Copilot handle sensitive data in code?**
 - a. It ignores sensitive data completely
 - b. It flags sensitive data and suggests secure alternatives
 - c. It automatically removes sensitive data from the code
 - d. It encrypts sensitive data within the code
10. **What type of AI model powers GitHub Copilot?**
 - a. Convolutional Neural Network (CNN)
 - b. Recurrent Neural Network (RNN)
 - c. Transformer-based language model
 - d. Generative Adversarial Network (GAN)
11. **What is the role of the "Copilot feedback" feature?**
 - a. Allows users to rate code suggestions
 - b. Provides detailed explanations for code suggestions
 - c. Enables users to report bugs and issues with Copilot
 - d. Tracks the user's coding progress

12. **Which of the following best describes GitHub Copilot's approach to security?**
- a. It provides automated security patches for the code
 - b. It reviews the entire codebase for vulnerabilities
 - c. It gives real-time security recommendations
 - d. It generates code suggestions based on secure coding practices
13. **What happens if GitHub Copilot makes a wrong code suggestion?**
- a. The suggestion is automatically corrected
 - b. The user can ignore or modify the suggestion
 - c. The suggestion is logged for future improvements
 - d. The user receives a notification about the error
14. **How often does GitHub Copilot's machine learning model get updated?**
- a. Weekly
 - b. Monthly
 - c. Quarterly
 - d. Continuously
15. **In which environments can GitHub Copilot be used?**
- a. Visual Studio Code and GitHub Codespaces
 - b. IntelliJ IDEA and PyCharm
 - c. Sublime Text and Atom
 - d. All major IDEs and text editors
16. **Which command allows you to view GitHub Copilot's settings in VS Code?**
- a. Copilot: View Settings
 - b. Copilot: Open Configuration
 - c. Copilot: Open Settings
 - d. Copilot: Configure
17. **What is the significance of the "OpenAI Codex" in GitHub Copilot?**
- a. It is a coding standard enforced by Copilot
 - b. It is a library of pre-built code snippets
 - c. It is the AI model that powers Copilot's code suggestions
 - d. It is a collection of user-submitted code samples

18. **How does GitHub Copilot handle licensing for generated code?**
- a. All generated code is automatically open-source
 - b. Users need to manually select a license for generated code
 - c. Generated code inherits the license of the repository
 - d. Generated code is free of any licensing constraints
19. **What type of input does GitHub Copilot require to generate code suggestions?**
- a. Complete code files
 - b. Code comments and partial code
 - c. Project documentation
 - d. User preferences and settings
20. **Which of the following is a best practice when using GitHub Copilot?**
- a. Accept all code suggestions without review
 - b. Manually review and test all code suggestions
 - c. Use Copilot suggestions only for non-critical code
 - d. Share Copilot-generated code with the community
21. **Which feature of GitHub Copilot helps reduce repetitive coding tasks?**
- a. Code snippets
 - b. Autocompletion
 - c. Templates
 - d. Code suggestions
22. **How can GitHub Copilot be disabled in a specific file?**
- a. By adding a special comment to the file
 - b. By renaming the file
 - c. By removing the file from the project
 - d. By changing the file extension
23. **What does the "Explain this code" feature do in GitHub Copilot?**
- a. Provides a detailed explanation of the selected code
 - b. Translates code comments to different languages
 - c. Identifies and fixes bugs in the code
 - d. Refactors the selected code

24. **What is the main use of the "Copilot Labs" feature?**
- a. To experiment with new Copilot features
 - b. To provide a sandbox environment for testing code
 - c. To collaborate with other developers in real-time
 - d. To debug complex code issues
25. **How does GitHub Copilot prioritize code suggestions?**
- a. Based on the frequency of usage
 - b. Based on the context of the code
 - c. Based on user ratings
 - d. Based on code length
26. **Which keyboard shortcut invokes GitHub Copilot's inline suggestions in VS Code?**
- a. Ctrl + Enter
 - b. Ctrl + Space
 - c. Ctrl + Shift + Enter
 - d. Ctrl + Shift + Space
27. **What is the best practice for handling code suggestions provided by GitHub Copilot?**
- a. Always accept the suggestions as they are
 - b. Customize and review the suggestions before using them
 - c. Ignore the suggestions if unsure
 - d. Use the suggestions without any modifications
28. **How does GitHub Copilot ensure that code suggestions are relevant?**
- a. By analyzing the project's codebase
 - b. By using predefined code templates
 - c. By tracking user preferences
 - d. By following industry coding standards
29. **What type of feedback can users provide to improve GitHub Copilot?**
- a. Positive or negative ratings
 - b. Detailed code reviews
 - c. Usage statistics
 - d. Suggestion reports

30. **Which feature of GitHub Copilot helps with learning new programming languages?**
- a. Language tutorials
 - b. Code explanations
 - c. Sample projects
 - d. Interactive quizzes
31. **What does GitHub Copilot use to provide contextual code suggestions?**
- a. Code patterns
 - b. User preferences
 - c. Machine learning models
 - d. Code documentation
32. **How often should developers review code suggestions from GitHub Copilot?**
- a. Only once before accepting
 - b. Regularly during development
 - c. After each project milestone
 - d. At the end of the project
33. **Which of the following is a benefit of using GitHub Copilot in team projects?**
- a. Reduces the need for code reviews
 - b. Ensures consistent code quality
 - c. Automatically merges code changes
 - d. Enhances team collaboration
34. **How can users customize GitHub Copilot's behavior?**
- a. By modifying the settings file
 - b. By providing code feedback
 - c. By updating their GitHub profile
 - d. By changing the project structure
35. **What is the role of the "Quick Fix" feature in GitHub Copilot?**
- a. Provides instant solutions to coding errors
 - b. Suggests alternative code implementations
 - c. Refactors the entire codebase
 - d. Automates code testing

36. Which aspect of GitHub Copilot makes it suitable for beginner programmers?

- a. It offers comprehensive code reviews
- b. It generates code examples and explanations
- c. It enforces strict coding standards
- d. It integrates with online learning platforms

37. What does the "Code Analysis" feature in GitHub Copilot do?

- a. Identifies potential bugs and issues
- b. Enhances code readability
- c. Generates detailed documentation
- d. Recommends code improvements

38. How can users provide feedback on specific code suggestions from GitHub Copilot?

- a. By using the feedback button in the suggestion popup
- b. By sending an email to support
- c. By opening a GitHub issue
- d. By editing the code directly

39. What is the primary advantage of using GitHub Copilot for code completion?

- a. It increases coding speed and efficiency
- b. It guarantees error-free code
- c. It eliminates the need for documentation
- d. It automatically deploys code

40. How does GitHub Copilot handle code suggestions for deprecated functions?

- a. It avoids suggesting deprecated functions
- b. It highlights deprecated functions
- c. It suggests alternatives to deprecated functions
- d. It removes deprecated functions from the code

ANSWERS

1. a	7. a	13. B	19. C	25. B	31. C	37. a
2. B	8. C	14. D	20. C	26. B	32. B	38. a
3. a	9. B	15. C	21. C	27. B	33. B	39. B
4. B	10. C	16. B	22. B	28. a	34. a	40. C
5. a	11. a	17. D	23. B	29. a	35. a	
6. B	12. C	18. C	24. a	30. a	36. B	