📖 **Congratulations! You passed!**

Grade received 100%   **Latest Submission Grade** 100%   **To pass** 80% or higher

Quiz
Your Development Environment

Review Learning Objectives

1. What is the recommended tool for setting up Rust on Visual Studio Code?   1 / 1 point

   ⊘ RustUp the toolchain installer

   ⊘ Rust Analyzer extension

   ○ GitHub Copilot

   ○ Codespaces for Rust

   ✓ **Correct**
   Correct! RustUp is the recommended tool for setting up Rust on Visual Studio Code.

2. What are some benefits of using dev containers in Codespaces?   1 / 1 point

   ○ Automated code suggestions and completions

   ◉ Consistent development environments across different machines

   ○ Seamless integration with GitHub Copilot

   ✓ **Correct**
   Correct! One of the benefits of using dev containers in Codespaces is having consistent development environments across different machines.

👍 Like   👎 Dislike   ⚐ Report an issue

3. Which tool provides AI pair-programming capabilities?   1 / 1 point

   ○ Codespaces for Rust

   ○ RustUp the toolchain installer

   ◉ GitHub Copilot

   ○ Rust Analyzer extension

   ✓ **Correct**
   Correct! GitHub Copilot provides AI pair-programming capabilities.

4. What is the role of dev containers in Codespaces?   1 / 1 point

   ◉ Providing consistent and reproducible development environments

   ○ Enhancing code analysis and linting for Rust projects

   ○ Customizing the environment in Visual Studio Code

   ○ Enabling AI pair-programming capabilities

   ✓ **Correct**
   Correct! The role of dev containers in Codespaces is to provide consistent and reproducible development environments.

5. What are some benefits of using Codespaces for Rust?   1 / 1 point

   ◉ Seamless integration with Visual Studio Code

   ○ Streamlined installation process for Rust

   ○ AI pair-programming capabilities

   ○ Advanced code analysis for Rust projects

   ✓ **Correct**
   Correct! One of the benefits of using Codespaces for Rust is its seamless integration with Visual Studio Code.

6. What is the purpose of using AI pair-programming tools like GitHub Copilot?   1 / 1 point

   ○ To provide an introduction to GitHub Copilot

   ○ To enable seamless integration with Visual Studio Code

   ○ To optimize Codespaces and manage quotas

   ◉ To assist developers with code suggestions and completions

   ✓ **Correct**
   Correct! The purpose of using AI pair-programming tools like GitHub Copilot is to assist developers with code suggestions and completions.

7. What are some advantages of using Codespaces for online development?   1 / 1 point

   ○ Optimized performance for resource-intensive applications

   ○ Automated code analysis and debugging capabilities

   ◉ Enhanced collaboration through shared development environments

   ○ Simplified installation process for multiple programming languages

   ✓ **Correct**
   Correct! One of the advantages of using Codespaces for online development is enhanced collaboration through shared development environments.

8. What is the purpose of setting up a Student Account with GitHub?   1 / 1 point

   ◉ Accessing educational resources and benefits

   ○ Understanding usage and quotas of Codespaces

   ○ Enabling AI pair-programming tools

   ○ Customizing the editor in Visual Studio Code

   ✓ **Correct**
   Correct! Setting up a Student Account with GitHub provides access to educational resources and benefits.

9. What are the benefits of using GitHub Copilot for AI-powered coding assistance?   1 / 1 point

   ○ Seamless integration with Visual Studio Code

   ○ Streamlined installation process for multiple programming languages

   ◉ Automated code suggestions and completions

   ○ Enhanced performance for resource-intensive applications

   ✓ **Correct**
   Correct! One of the benefits of using GitHub Copilot for AI-powered coding assistance is automated code suggestions and completions.

10. What can developers accomplish using Codespaces?   1 / 1 point

   ○ Accessing the installation guide for Rust on Windows

   ◉ Developing and collaborating on projects online

   ○ Managing quotas and optimizing performance for online development

   ○ Enabling GitHub Copilot for AI-powered coding assistance

   ✓ **Correct**
   Correct! Students can accomplish developing and collaborating on projects online using Codespaces.