✓ 200 XP ▶

Knowledge check

4 minutes

Choose the best response for each question. Then select **Check your answers**.

Check your knowledge

1. Which of the following choices is a characteristic in source code possibly indicating a deeper problem? *

○ Memory Leak.

○ Bug.

○ Code smell.

    ✔ **Correct. Code smells are characteristics in your code that could be a problem. Code smells hint at more profound problems in the design or implementation of the code.**

2. Which of the following choices can measure the probability that a system will run without failure over a specific period of operation? *

○ Maintainability

○ Reliability

    ✔ **Correct. Reliability measures the probability that a system will run without failure over a specific period of operation. It relates to the number of defects and availability of the software. Several defects can be measured by running a static analysis tool.**

○ Reusability

3. Which of the following tools can you use to do code quality checks? *

○ Veracode.

○ SonarCloud.

    ✔ **Correct. SonarCloud is the cloud-based version of the original SonarQube and would be best for working with code in Azure Repos.**

○ Azure Security Center.

Next unit: Summary

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