

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

Continue >