Your grade: 100%

Your latest: **100%** • Your highest: **100%** • To pass you need at least 70%. We keep your highest score.

Next item →

1. Which of the following is the best description of a data integration layer?   **1 / 1 point**

   ○ It stores all of the data for your solution.

   ○ It enables users to interact with your solution.

   ● It accesses and loads data from a variety of sources.

   ○ It applies real-world business rules to data in a solution.

   ✓ **Correct**
   Correct! The data integration layer is responsible for accessing data in your solution.

2. Complete the following. Software engineers ….   **1 / 1 point**

   ○ Use software solutions to solve real-world problems.

   ● Design and develop software that solves real-world problems.

   ○ Develop and maintain data architectures.

   ○ Design and implement network systems.

   ✓ **Correct**
   Correct! A software engineer designs and develops software to solve real-world problems.

3. Which of the following is an example of a hard skill?   **1 / 1 point**

   ○ Open to feedback

   ● Programming

   ○ Interpersonal skills

   ○ Time management

   ✓ **Correct**
   Correct! Programming is a hard skill, so is quantifiable, measurable, and certifiable.

4. Which of the following is an attribute of a soft skill?   **1 / 1 point**

   ● Transferable

   ○ Measurable

   ○ Certifiable

   ○ Quantifiable

   ✓ **Correct**
   Correct! Soft skills are transferable between roles and across industries.

5. The US Bureau of Labor Statistics predicts approximately what percent growth for software developers, analysts, and tests from 2020-2030?   **1 / 1 point**

   ● 22%

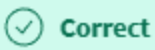   ○ 12%

   ○ 2%

   ○ 32%

   ✓ **Correct**
   Correct! They predict a 22% growth over this period.

6. A technical career path is a good choice if you: **1 / 1 point**

   ● Enjoy solving problems

   ○ Enjoy supporting team members

   ○ Enjoy mentoring others

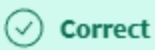   ○ Enjoy managing people

   ✓ **Correct**
   Correct. Problem-solving is one of the key tasks in the technical career path of a software engineer.

7. Who is most likely to work alongside graphic artists and sound technicians?   **1 / 1 point**

   ○ A DevOps engineer

   ● A games developer

   ○ A mobile app developer

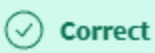   ○ A full-stack engineer

   ✓ **Correct**
   Correct! Game developers work with graphic artists, sound technicians, and game designers to develop gaming software.

8. True of false. Learning on the job and developing new skills is an important part of a software engineer's role.   **1 / 1 point**

   ● True

   ○ False

   ✓ **Correct**
   Correct! Software engineers are continually learning new skills.

9. Which role is responsible for developing code to test the functionality of a software solution?   **1 / 1 point**

   ● A quality assurance engineer

   ○ A back-end engineer

   ○ A front-end engineer

   ○ A security engineer

   ✓ **Correct**
   Correct! Quality assurance engineers validate the quality of an application, develop code to test the functionality, and track bugs.

10. What is the overarching purpose of the software engineering code of ethics?   **1 / 1 point**

   ○ To make software user-friendly.

   ○ To improve the software development process.

   ● To serve the public good.

   ○ To improve the quality of software used in businesses.

   ✓ **Correct**
   Correct. The overarching purpose of the code of ethics is to serve the public good.