

## ✔ Congratulations! You passed!

**Grade**  
received 100%

**Latest Submission**  
Grade 100%

**To pass 70% or**  
higher

**Go to next item**

Retake the assignment in **7h 58m**

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 applies real-world business rules to data in a solution.
- ☐ It enables users to interact with your solution.
- ☒ It accesses and loads data from a variety of sources.

✔ **Correct**

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

2. Complete the following. Software engineers ....

**1 / 1 point**

- ☐ Develop and maintain data architectures.
- ☒ Design and develop software that solves real-world problems.
- ☐ Design and implement network systems.
- ☐ Use software solutions to solve real-world problems.

✔ **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**

- ☐ Interpersonal skills
- ☐ Time management
- ☐ Open to feedback
- ☒ Programming

✓ **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
- ☐ Quantifiable
- ☐ Certifiable

✓ **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%
- ☐ 32%
- ☐ 12%
- ☐ 2%

✓ **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 supporting team members
- ☐ Enjoy managing people
- ☐ Enjoy mentoring others
- ☒ Enjoy solving problems

✓ **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 full-stack engineer
- ☐ A mobile app developer
- ☐ A DevOps engineer
- ☒ A games developer

✓ **Correct**

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

8. True or 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 front-end engineer
- ☐ A security engineer
- ☐ A back-end 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 serve the public good.
- ☐ To improve the software development process.
- ☐ To make software user-friendly.
- ☐ 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.