

✓ Congratulations! You passed!

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

1 / 1 point

- ☐ It enables users to interact with your solution.
- ☐ It stores all of the data for your solution.
- ☐ It applies real-world business rules to data in a 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

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

✓ **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

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

✓ **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

- ☐ 2%
- ☒ 22%
- ☐ 32%
- ☐ 12%

✓ **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 solving problems
- ☐ Enjoy mentoring others



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 DevOps engineer
- ☒ A games developer
- ☐ A mobile app 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?

0 / 1 point

- ☒ A front-end engineer
- ☐ A quality assurance engineer
- ☐ A security engineer
- ☐ A back-end engineer



Incorrect

Incorrect. Please review Software Engineering Job Titles.

10. What is the overarching purpose of the software engineering code of ethics?

1 / 1 point

- ☐ To make software user-friendly.
- ☐ To improve the quality of software used in businesses.
- ☐ To improve the software development process.
- ☒ To serve the public good.



Correct

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