

## 3.3 - Sprint 3 Learning Quiz

**Due** Aug 1 at 11:59pm      **Points** 10      **Questions** 10  
**Available** until Aug 1 at 11:59pm      **Time Limit** None  
**Allowed Attempts** Unlimited

### Instructions

- The purpose of this quiz is to help you review and learn relevant course material.
- **Take the quiz at least twice.**
  - On the **first attempt, do NOT use notes.** Assess your learning.
- Your latest score will be kept.



Return to Overview

This quiz was locked Aug 1 at 11:59pm.

### Attempt History

	Attempt	Time	Score
KEPT	<a href="#">Attempt 2</a>	3 minutes	10 out of 10
LATEST	<a href="#">Attempt 2</a>	3 minutes	10 out of 10
	<a href="#">Attempt 1</a>	6 minutes	8.25 out of 10

Score for this attempt: **10** out of 10

Submitted Jul 26 at 6:25pm

This attempt took 3 minutes.

#### Question 1

1 / 1 pts

When should you start being concerned that your method is too long (at about how many lines)?

Select the MOST CORRECT answer.

Correct!

- ☒ 10 lines
- ☐ 20 lines
- ☐ 2 line
- ☐ 100 lines

## Question 2

1 / 1 pts

What does it mean for a function to have the code smell of doing many jobs?

Select ALL correct answers.

Correct!

- ☒ It does more than what its name suggests

Correct!

- ☒ It does things that aren't closely related
- ☐ It is the most important function in your software
- ☐ It is a bottleneck

## Question 3

1 / 1 pts

Keeping variable and function names short is always a good idea. True or false?

Correct!

- ☐ True
- ☒ False

#### Question 4

1 / 1 pts

When should you start being concerned that your line of code is too long (at about how many characters)?

Select the MOST CORRECT answer.

Correct!

☒ 100

☐ 20

☐ 500

☐ 1000

#### Question 5

1 / 1 pts

When maintaining someone else's code, it's always a good idea to convert their coding style to the one you prefer. True or false?

Correct!

☐ True

☒ False

#### Question 6

1 / 1 pts

When should you start being concerned that your method has too many parameters (at how many parameters)?

Select the MOST CORRECT answer.

Correct!

- ☒ 4 or 5
- ☐ 1 or 2
- ☐ 7 or 8
- ☐ 10 or 11

### Question 7

1 / 1 pts

Which are reasons to avoid writing comments?

Select ALL correct answers.

Correct!

- ☒ The comment might get out of date

Correct!

- ☒ The comment might be redundant because it's obvious what the code does

Correct!

- ☒ If you have a lot of useless comments, prospective employers might think you have poor coding habits

- ☐ Comments always make code more readable and maintainable

### Question 8

1 / 1 pts

What is refactoring?

Select the MOST CORRECT answer.

Correct!

- ☒ Changing the code design without changing the functionality
- ☐ Reconsidering how your code should be designed
- ☐ Using the factory pattern
- ☐ Churning out code as fast as you can

### Question 9

1 / 1 pts

Which are reasons not to have commented-out code?

Select ALL correct answers.

Correct!

- ☒ It might get out of date

Correct!

- ☒ You might forget why you needed it

Correct!

- ☒ Someone else might not be able to figure out why it's commented out

Correct!

- ☒ The context around the commented-out code might change

### Question 10

1 / 1 pts

What is technical debt?

Select the MOST CORRECT answer.

Correct!

- ☒ Time and resources you or someone else will have to spend later to fix the problem you're creating now

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☐ When you buy too many Apple products

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☐ When your code smells

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☐ When your manager hires more developers to increase productivity

Quiz Score: **10** out of 10