

# Quiz 06: Refactoring

**Due** Oct 12 at 10pm**Points** 10**Questions** 6**Time Limit** None

## Instructions

Answer the following questions in your own words. Do NOT simply cut and paste the information from the slides. You will receive a score of 0 if you copy the prose from the slides.

## Attempt History

	Attempt	Time	Score
LATEST	<a href="#">Attempt 1</a>	5,617 minutes	0 out of 10 *

\* Some questions not yet graded

Score for this quiz: **0** out of 10 \*

Submitted Oct 12 at 8:08pm

This attempt took 5,617 minutes.

### Question 1

Not yet graded / 2 pts

What is refactoring?

Your Answer:

refactoring is the process in that we can change internal structure of the existing program to make that program easy to understand and cheaper to modified without change its behavior.

refactoring increase reliability and reduce complexity

**Question 2****Not yet graded / 2 pts**

Describe the TDD refactoring workflow

Your Answer:

TDD workflow starts with writing test code, after that run this code, if this will failed then rewrite the code and run the new code. every time some part of code is not tested hence there are some chance of bugs. debug the code until whole code will pass through the run process and pass the all tests and cycle repeat itself.

**Question 3****Not yet graded / 2 pts**

What is technical debt? How is it paid off?

Your Answer:

technical debt means when we try to use shortcuts in the code at that time some changes are results into bed smell which are not proved as a good solution for that problem and it became more complex.

technical debt paid off by refactoring

**Question 4****Not yet graded / 2 pts**

Describe the planned refactoring workflow

Your Answer:

In the planned refactoring process it decide that in which time we have to do refactoring for the project. Basically it make plan for refactoring code.

**Question 5****Not yet graded / 2 pts**

Describe the two Hats of Software Development.

Your Answer:

1)Adding functionality to the system

In that we can not change old code in the project. However, we can add the new code in the project. Moreover, we can also add new test file but it may break the program.

2)Refactoring

In that we can not new functionality in the exiting code. Furthermore, we can not add new test file as well as can not change exiting test file unless its necessary. It is very small, quick and behavior -preserving changes.

People who use this thing they says that, developer should change the hats of software development very frequently but do not mix it.

**Question 6****0 / 0 pts**

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**Correct!**☒ True

☐ False

Quiz Score: **0** out of 10