

Quiz 3
Wednesday, 1/31

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25 points per question.

1. What are the shared characteristics of different agile methods of software development?

- Incremental development supported through small, frequent system releases
- Customer involvement means full-time customer engagement with the team
- Pair programming
- Change supported through regular system releases
- Maintain simplicity through constant refactoring of code

2. What are four important characteristics of extreme programming used while agile development?

- 1 User stories for specification
- 2 Refactoring
- 3 Test-first development
- 4 Pair programming

3. What is test-first development?

Unit tests are written before method implementation.
(functionality)

4. What is refactoring? And explain three examples of refactoring.

Process of clarifying + simplifying design of existing code without changing its behavior.

- Re-organization of a class hierarchy to remove duplicate code
- Tidying up and renaming attributes and methods to make them easier to understand
- Replacement of inline code with calls to methods