

Quiz

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 - b) Just enough code to pass the current test and all previous tests
 - c) Only enough for unit testing
 - d) 100% of your regression test suite
 - e) A and D

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2.) Which of these is necessary to do TDD? (Can choose more than one choice)

- ☐ Write tests before production code
- ☐ Decide all the tests you plan to write before writing them
- ☐ Make all design decisions after you start writing code
- ☐ Write failing tests, then pass them, one by one
- ☐ Refactoring
- ☐ Apply Design Patterns

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3.) If we do TDD well, which of these statements is true about our code base? (Can choose more than one choice)

- ☐ We have 100% code coverage
- ☐ We have no duplicate code
- ☐ Our code is crystal clear
- ☐ The cost of adding new behavior is relatively very low
- ☐ We have no defects
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Reason : very probably d and f, but the other statements are far too absolute to be true in general. We probably have very high code coverage. We probably have very little duplication and very clear code in the part of the code base that has changed the most. We probably have very few defects and defects arrive at rate that depends on the age of the code base, rather than its size.

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Reason : Because Structure-based techniques or White-box test design is based on an analysis of the structure of the component or system

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Answer : Using ***Mock Object*** in place of any kind of stateful dependency will isolate your unit test from external state and make your unit tests order independent and isolated.