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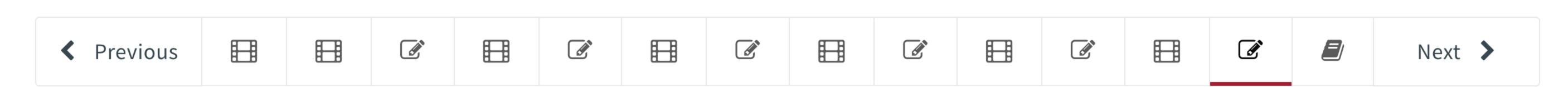
Help

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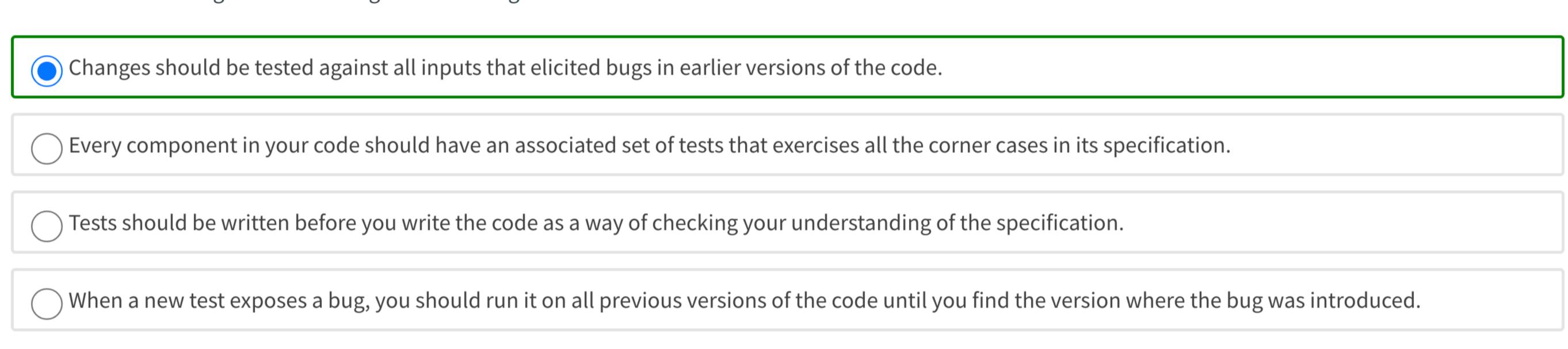
Questions

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regression testing

1/1 point (graded)

Which of the following best defines regression testing?



Explanation

The first choice is correct because regression test cases are inputs that once triggered bugs, and the idea of regression testing is to test new changes to the code against these test cases.

The second choice is a good practice -- black-box unit testing -- but it isn't regression testing.

The third choice is also good practice -- test-first programming -- but again, not regression testing.

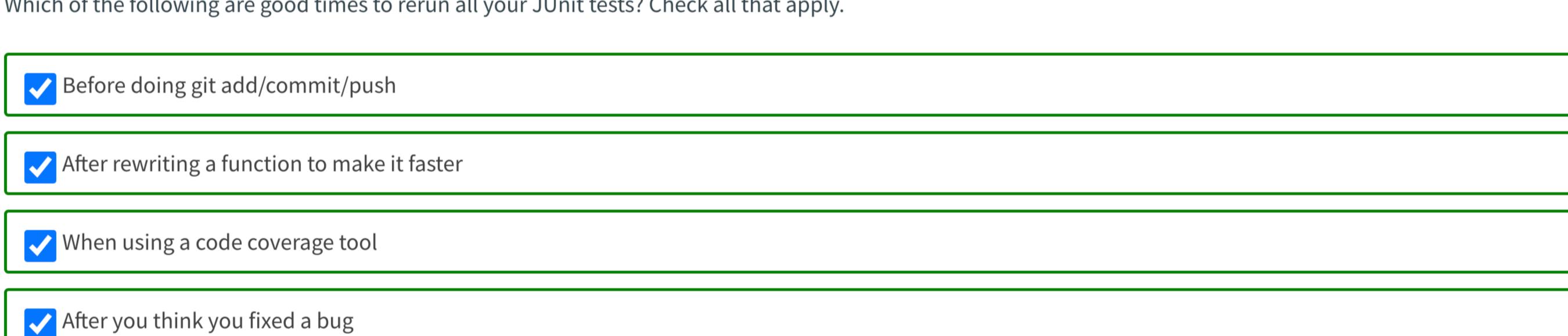
The fourth choice may be useful for tracking down a difficult bug. It is a variant of delta debugging, and is never done as exhaustively as all previous versions, but more typically with a binary search. Still, it is not regression testing.



running automated tests

1/1 point (graded)

Which of the following are good times to rerun all your JUnit tests? Check all that apply.





Explanation

Pushing your code to git sends it to the rest of your team, so rerun the tests first to make sure you're not pushing broken code.

Rewriting a function may introduce bugs, so rerun your tests to find them.

Rerunning tests is an essential part of using a code coverage tool, because you want to see the code lines that your tests don't reach.

Fixing a bug is a change to your program, and you should rerun your tests after every change.



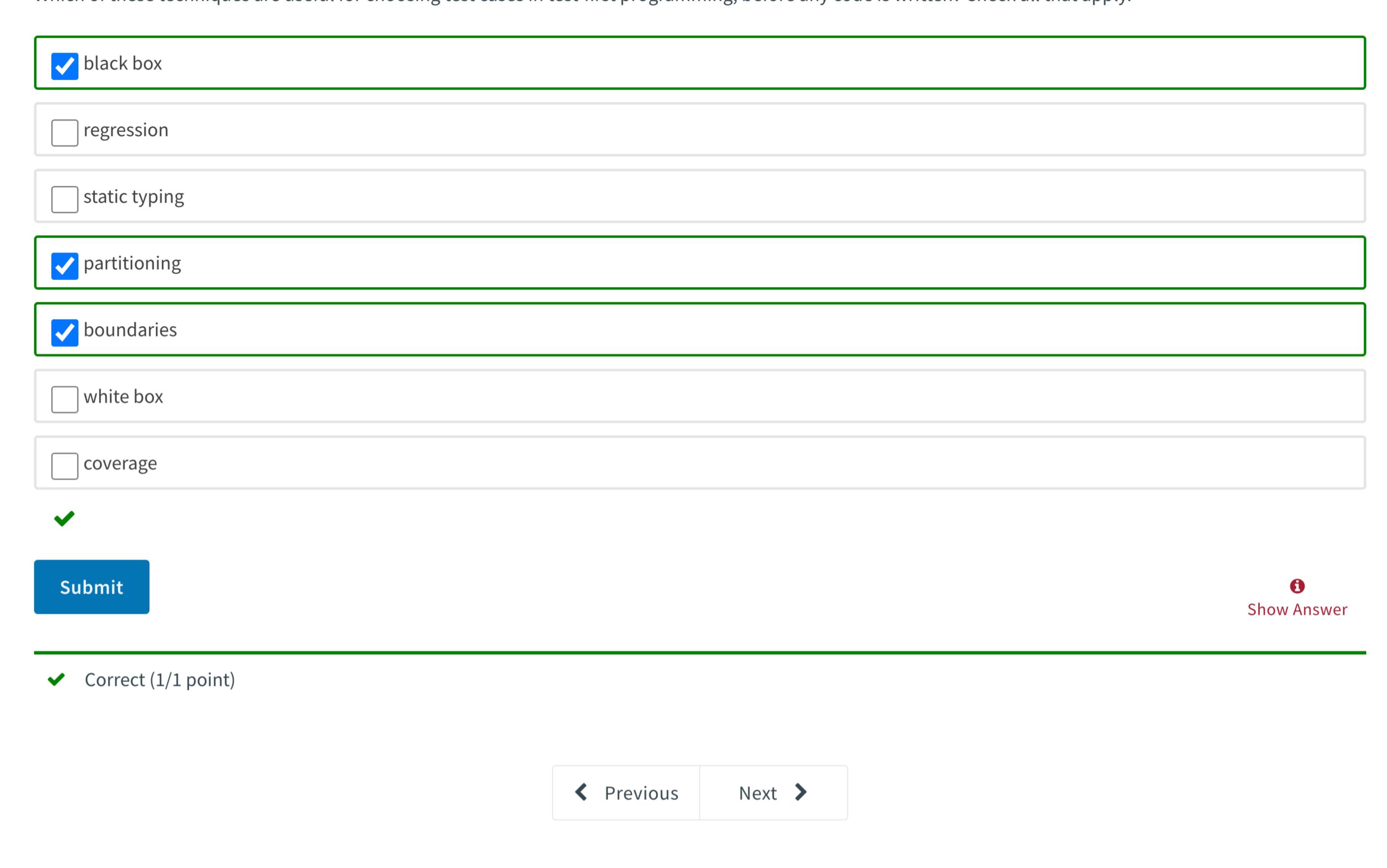
Answers are displayed within the problem

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testing techniques

1/1 point (graded)

Which of these techniques are useful for choosing test cases in test-first programming, before any code is written? Check all that apply.



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