

SD: Effective Encapsulation: Part I

Total points 8/10

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✓ OO languages make it impossible to modify private fields. *

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☐ yes

☒ no

✓ Encapsulation provides *

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☒ Information hiding

☒ Reduces cost of code change

☐ Secures the data

☒ preserves invariants



✗ OO makes it easy to encapsulate, we only need to mark fields private *

☒ yes

☐ no

Correct answer

☒ no

✓ Depending on the language we use, encapsulation may be at: *

☒ class level

☒ instance level

☒ package level

☒ function level

✓ When we say class ___ we're talking about properties or characteristics that need to be preserved.

☐ inheritance

☐ inversion

☒ invariant

☐ interpretation

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