

SD: Effective Encapsulation: Part I

Total points 10/10

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✓ OO makes it easy to encapsulate, we only need to mark fields private * 2/2

☐ yes

☒ no



✓ Depending on the language we use, encapsulation may be at: * 2/2

☒ class level



☒ instance level



☒ package level



☒ function level



✓ OO languages make it impossible to modify private fields. * 2/2

☐ yes

☒ no



✓ Encapsulation provides *

2/2

- ☒ Information hiding
- ☒ Reduces cost of code change
- ☐ Secures the data
- ☒ preserves invariants

✓

✓

✓

✓ When we say class ___ we're talking about properties or characteristics that need to be preserved. *2/2

- ☐ inheritance
- ☐ inversion
- ☒ invariant
- ☐ interpretation

✓

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