

# SD: Design Principles: Part VIII

Total points 10/10

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✓ Depending on an interface is loose coupling compared to depending on a class. \*2/2

☒ yes☐ no

✓ The \_\_\_ level modules should not depend on \_\_\_ level modules, both should depend on abstractions. \*2/2

☒ higher and lower☐ lower and higher☐ super and sub☐ base and derived

✓ Where extensibility is needed, instead of a class depending on another class, it should depend instead on an \_\_\_ or abstraction. \*2/2

- ☐ enum
- ☒ interface
- ☐ subclass
- ☐ superclass



✓ DIP directly addresses issues with \* 2/2

- ☐ inheritance
- ☐ polymorphism
- ☒ extensibility
- ☐ encapsulation



✓ A violation of OCP may be fixed by applying DIP. \* 2/2

- ☒ yes
- ☐ no



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