Abstraction: Hide details and show only essential information!

Interface

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Provides complete abstraction (blueprint! - what to do but not how to do!)

Methods are by default abstract and public

Attributes are by default public, static and final. In other words, attributes are constants

Cannot contain constructor

Must be implemented by other class using implements keyword

Sub class must implement all abstract methods

Sub class can implement multiple interfaces

Java8: Can have default method

Java8: Can have static method

Adv

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Reduces complexity by hiding implementation

Increases security by providing only important details to the user

Helps achieve multiple inheritance

E.g.

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Shapes: Abstract

Triangle: SubClass1

Square: SubClass2