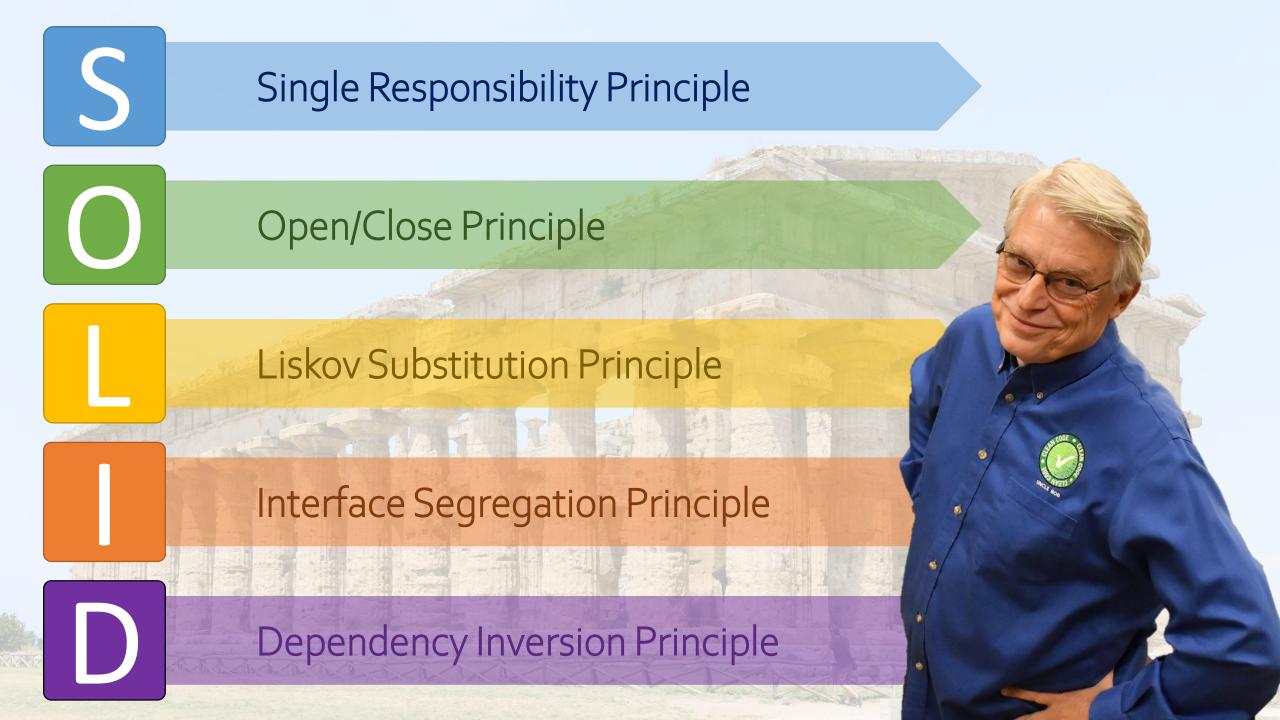
SOLID PRINCIPLES IN REAL LIFE

The pillars of OOP through real life analogies

FEDERICA CITARRELLA



Single Responsibility Principle

"Each software module should have one and only one reason to change." - Robert C. Martin

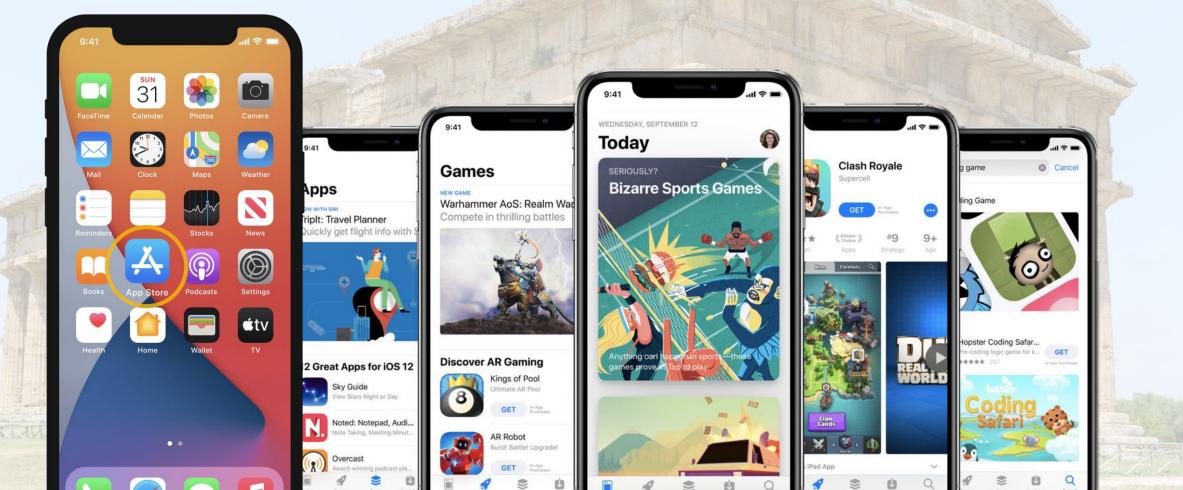
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Open/Close Principle

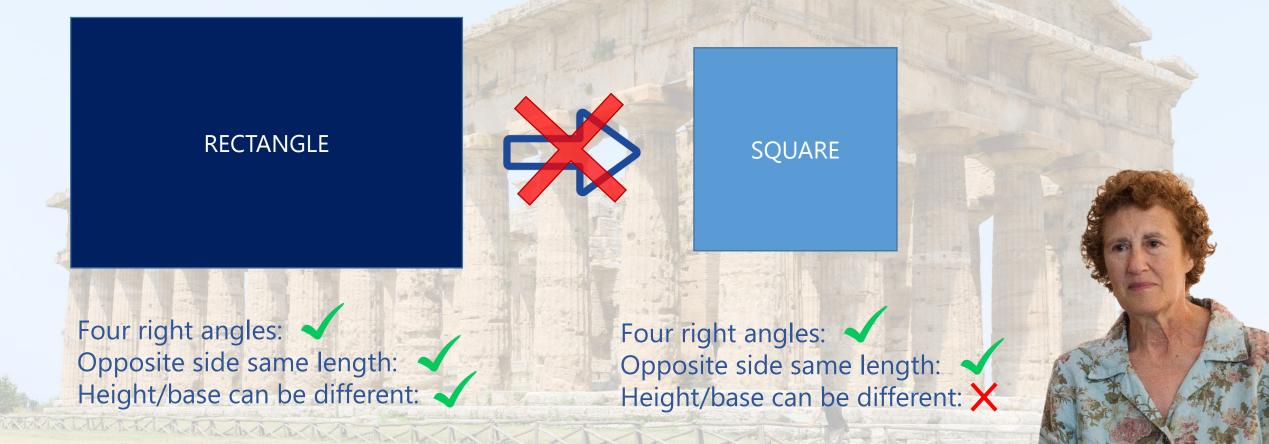
"They are open for extension, means that the behavior of the module can be extended. They are closed for modification." – Robert C. Martin



Liskov Substitution Principle

A CONTRACT TO THE PARTY OF

"Functions that use pointers or references to base classes must be able to use objects of derived classes without knowing it." – Robert C. Martin



Interface Segregation Principle

"Keep interfaces small so that users don't end up depending on things they don't need." - Robert C. Martin

 MONOLITHIC

Dependency Inversion Principle

"The DIP tells us that the most flexible systems are those in which source code dependencies refer only to abstractions, not to concretions." – Robert C. Martin

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QUESTIONS?



Thank you!



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