

**Lecture**

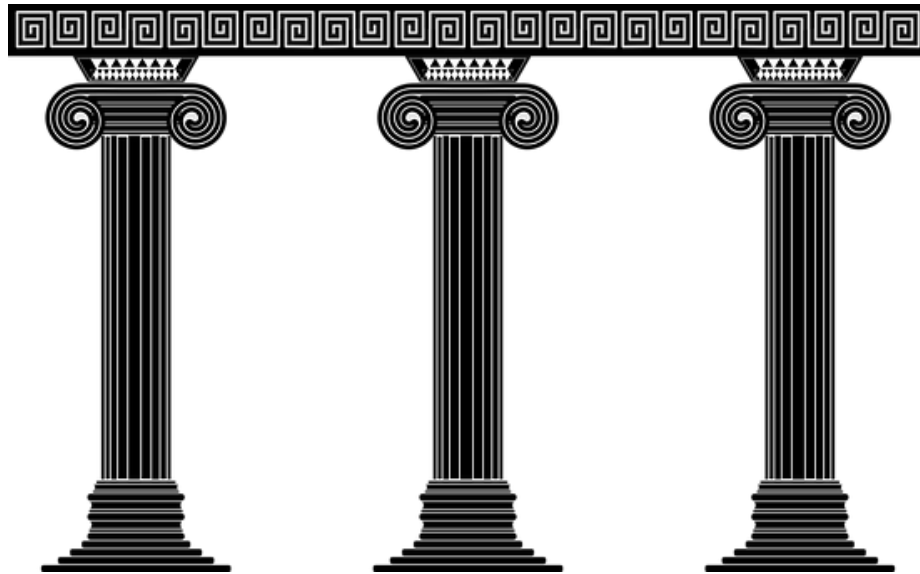
# **Encapsulation**





Encapsulation

# Encapsulation





## Encapsulation

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**Bundling** of data and methods that act on that data into a single unit (class).



## Encapsulation

# Restrict Access

Information-hiding





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**Public**



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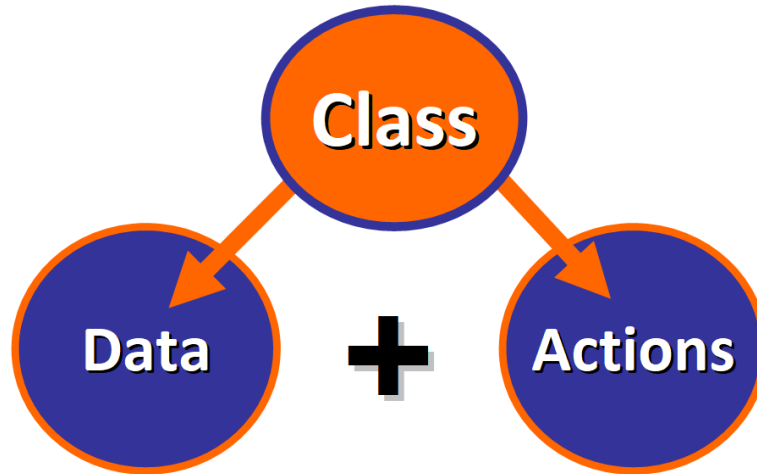
Public

Private



## Encapsulation

# Encapsulation







Encapsulation

Two red and yellow capsules are positioned diagonally in the top right corner of the slide, overlapping the blue box containing the word 'Encapsulation'.

# Encapsulation

# Single Unit



## Encapsulation

# Getters + Setters



Now...

# Public + Non-Public



Next...

# Getters + Setters



# Abstraction

