

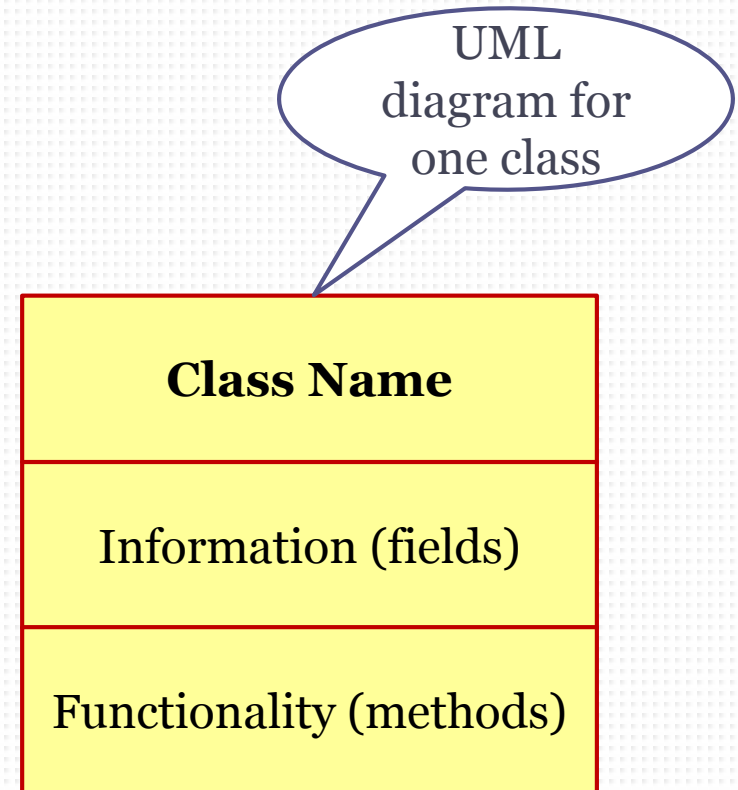
Object-Oriented Programming I

Introduction to UML

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Thinking MAP: UML class diagrams

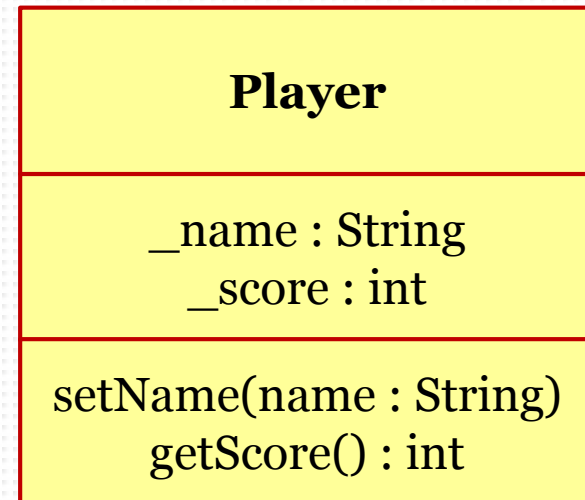
- Allow you to draw a map of your program so you never get lost
- Show the big picture
 - Classes and relationships
 - Statements do not show
 - Objects do not show
- Unified Modeling Language (UML)
 - A graphical language (boxes and lines) for drawing computer program “maps”



Thinking MAP: UML class diagrams

- ❑ UML diagrams are **documentation** for your program
- ❑ You should create them at design time to help plan your program, not after you're finished writing the program
- ❑ Even if UML diagrams are created at the end, they can help other programmers understand your program

Example:



Thinking MAP: UML class diagrams

- Here is a link to a quick overview of UML class diagrams if you'd like to learn more:

<http://www.ibm.com/developerworks/rational/library/content/RationalEdge/sep04/bell/>