COP 3330, Spring 2013

Code Examples: OOP Design by Example

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                   02-01-13

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MyTime Class

- Moderately complex example
  - MyTime Class
  - Illustrates some principles of OOP design

- The shortcomings of this program will motivate us to study
  - Exception handling

MyTimeTester Class

- main() method.
- Objects creation etc.

Problem description

- My Time class should have following variables
  - hour
  - minute
  - second

- Methods:
- setTime()
- Universal Time, universalTime()
- Standard Time
- .....

Let us code..

- I'll write the program in layers.

- First we'll write a really limited version.

- Then we'll slowly expand its capabilities.