## Lecture 13 - June 24

# Syntactic Analysis, Design Patterns

**Project Specification CFG Derivations: LMD vs. Parse Trees Static Types, Polymorphic Assignments** 

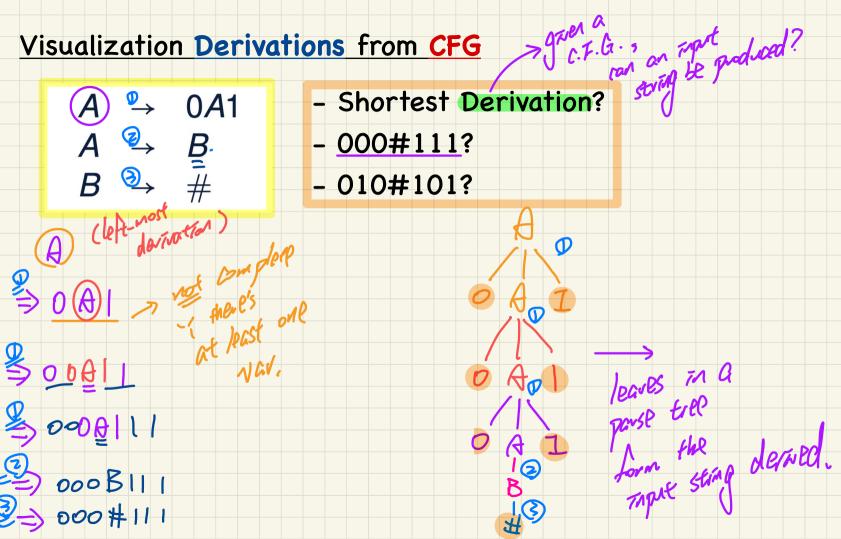
## Announcements/Reminders

- Assignment 2, Project released
- **ProgTest** next Thursday, July 3
  - + Guide and practice test released on Friday, June 27

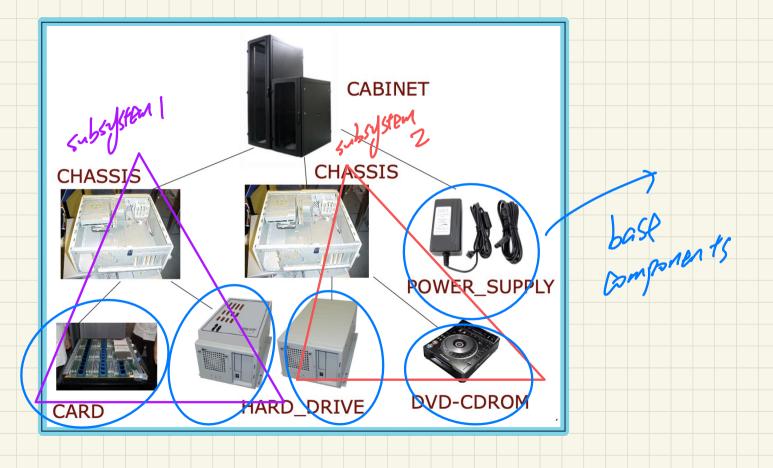
, Thues, 5:30 PM - 6: 50 PM

- + Mockup ProgTest ≈ 5 PM on Monday, June 30
- + Makeup lecture right after the test (≈ 7:15)

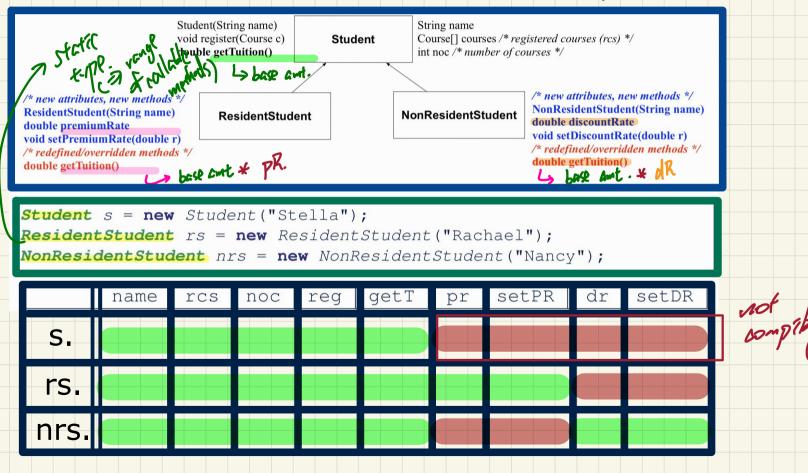
### Visualization Derivations from CFG



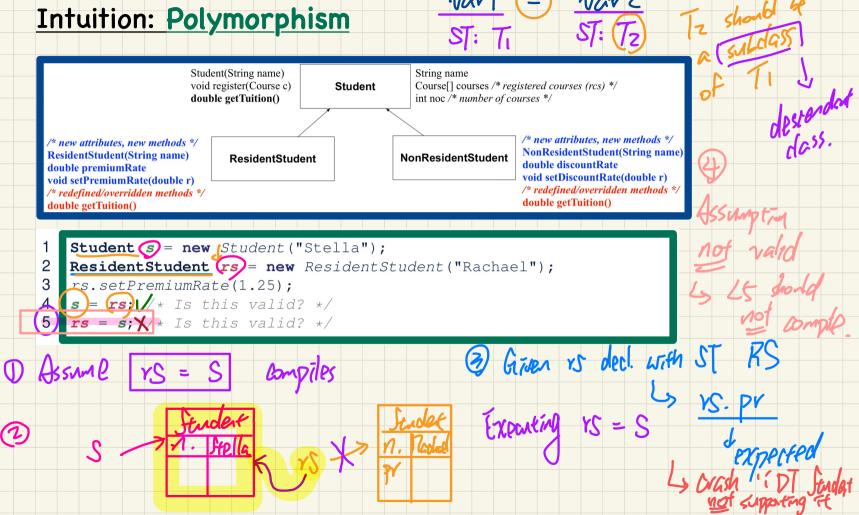
#### Motivation Problem: Recursive Systems



#### Recall: Student Classes (with inheritance): Expectations



#### Intuition: Polymorphism



1/2V

## Third Design Attempt

