Object Oriented Design

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Programming Language

Target Application

Object Oriented Design

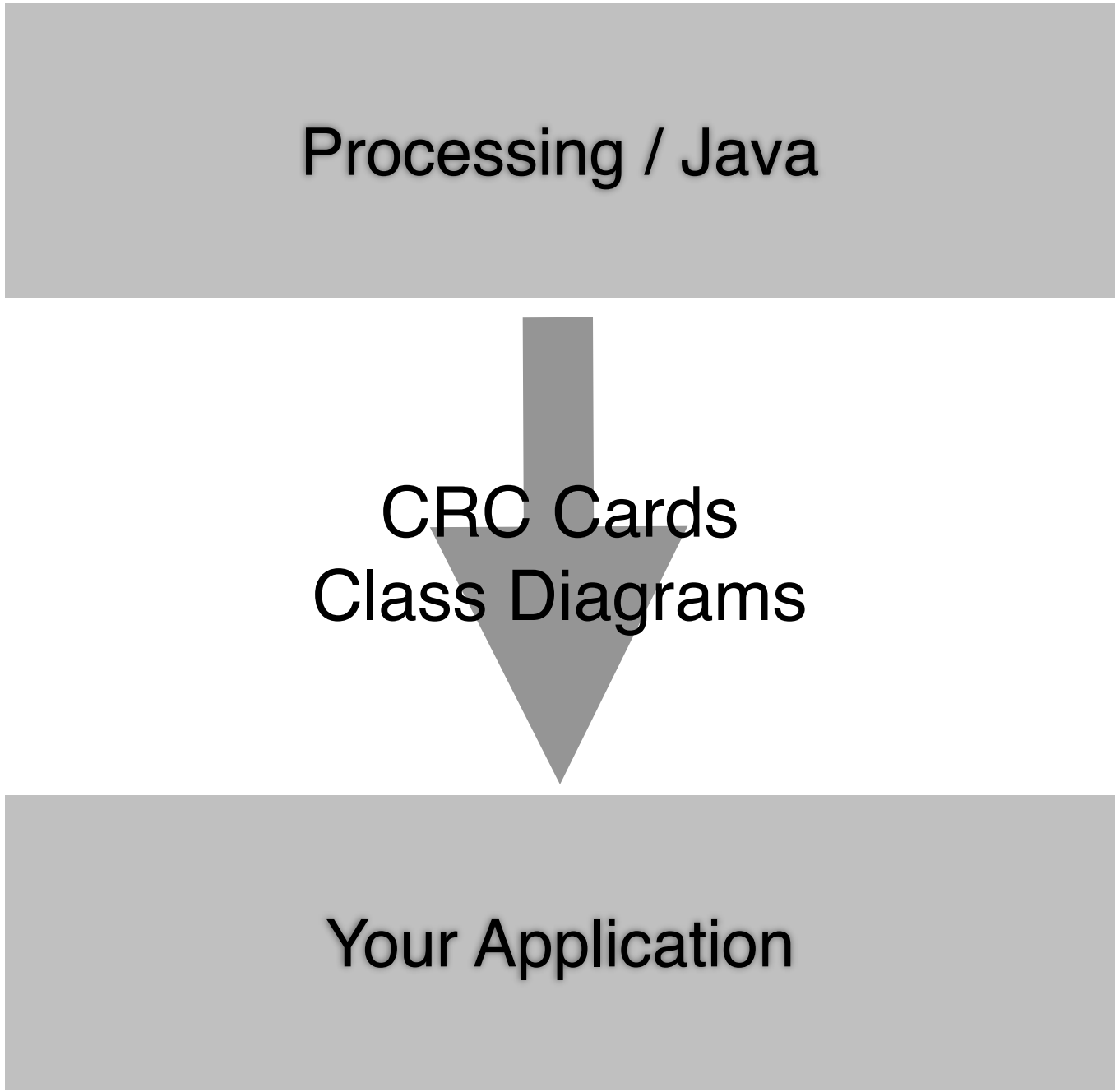
1

Find the Subjects (Objects)

2

Find the Verbs

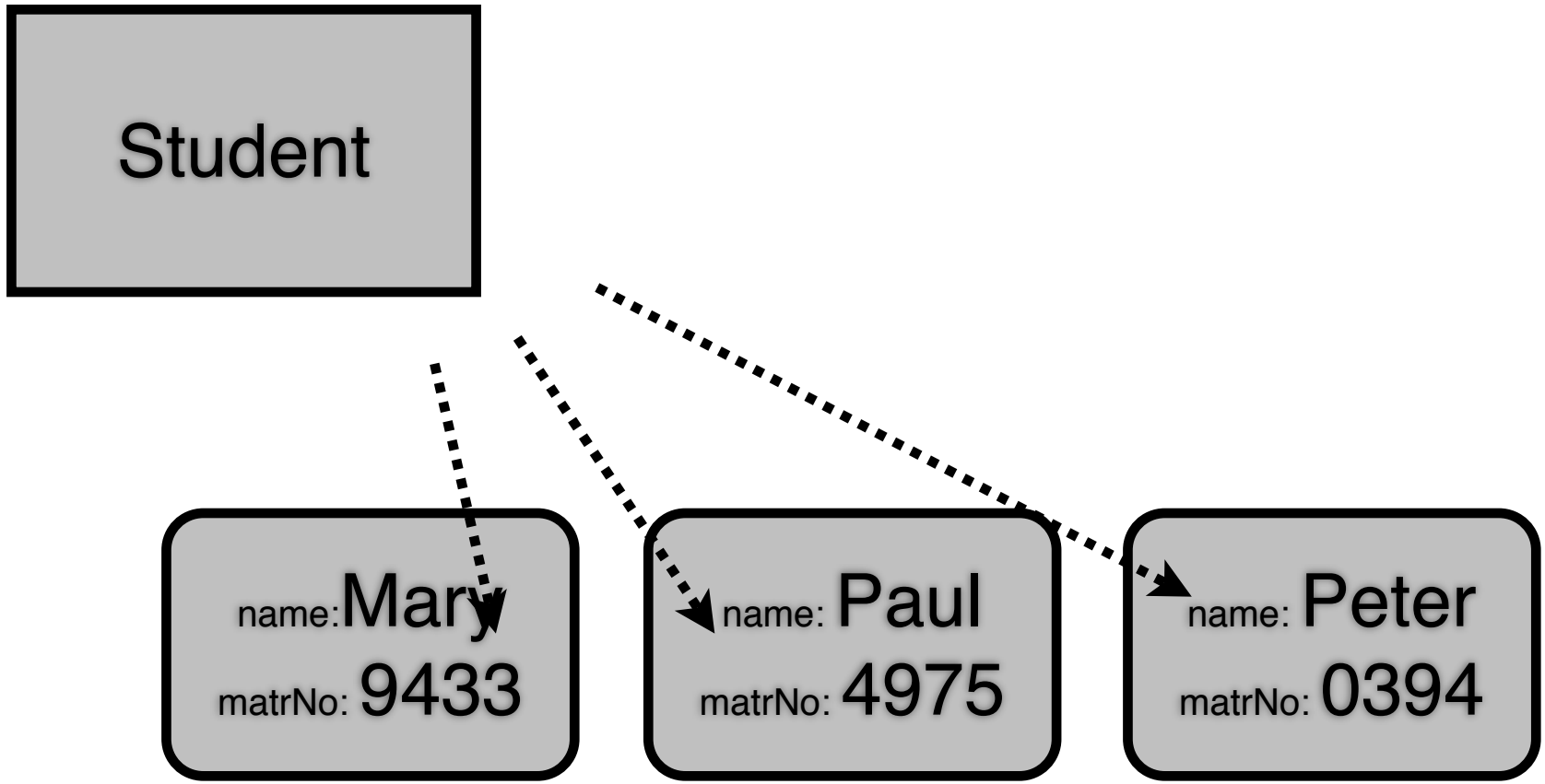
Find the Relations


Processing / Java
CRC Cards
Class Diagrams
Your Application

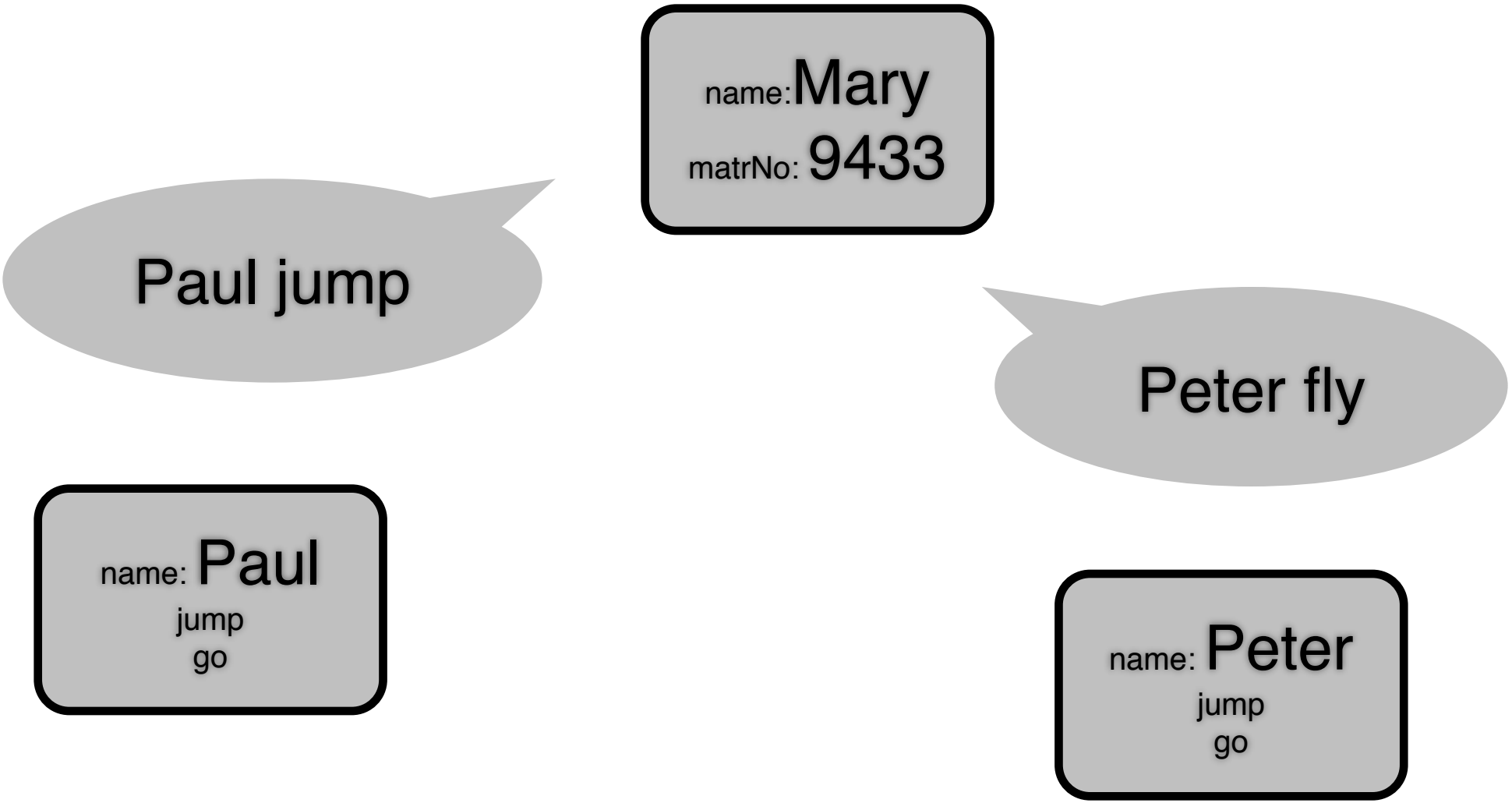
Object Oriented Programming
Fast Track

class	
instance	
message	
method	
polymorhism	

Class and Instance



Methods and Messages



Empty CRC - Cards

Class:	
Responsibility	Collaborator

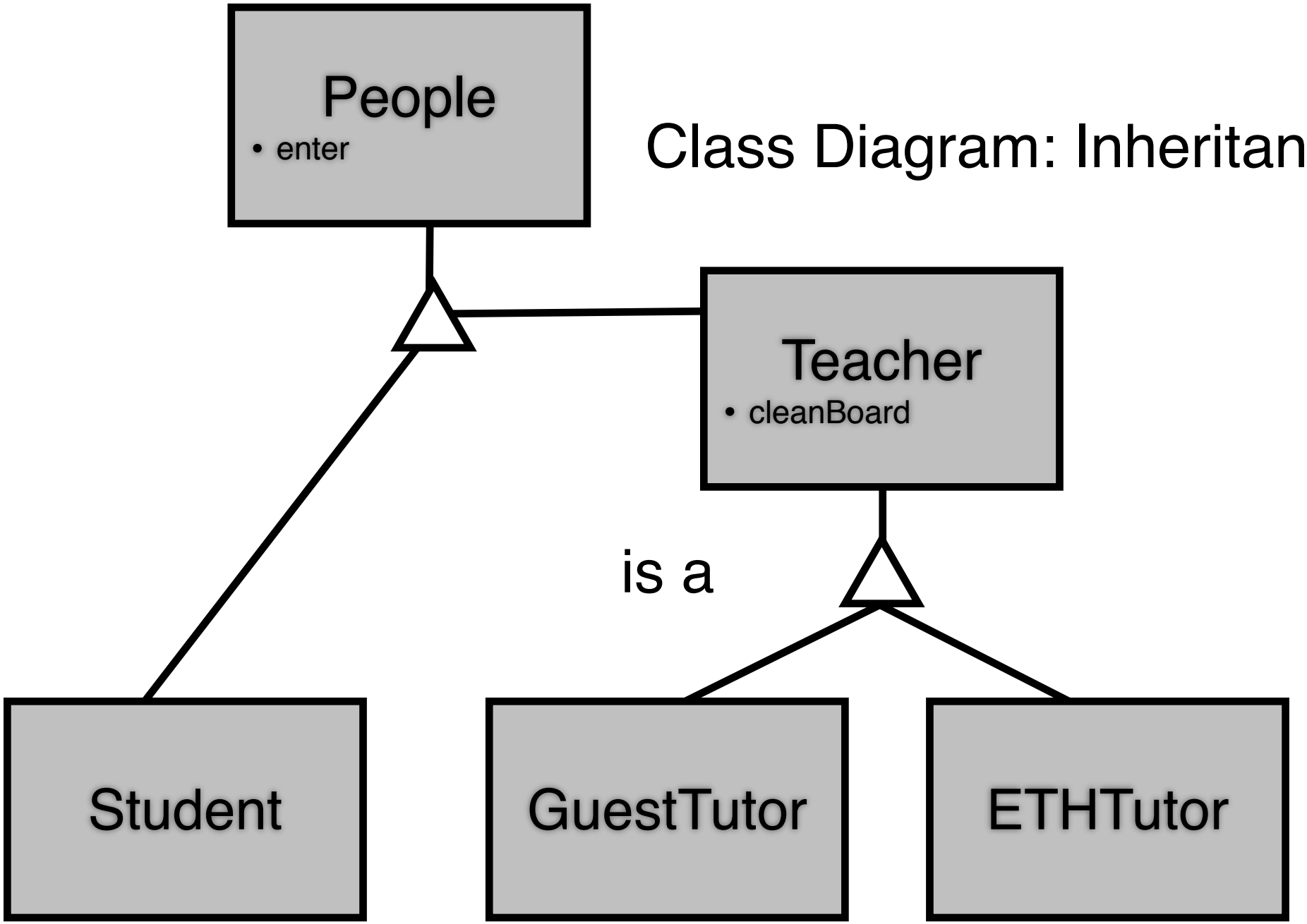
CRC

Class: Student	
Responsibility	Collaborator
join	Course
sign	Teacher
enter	Room

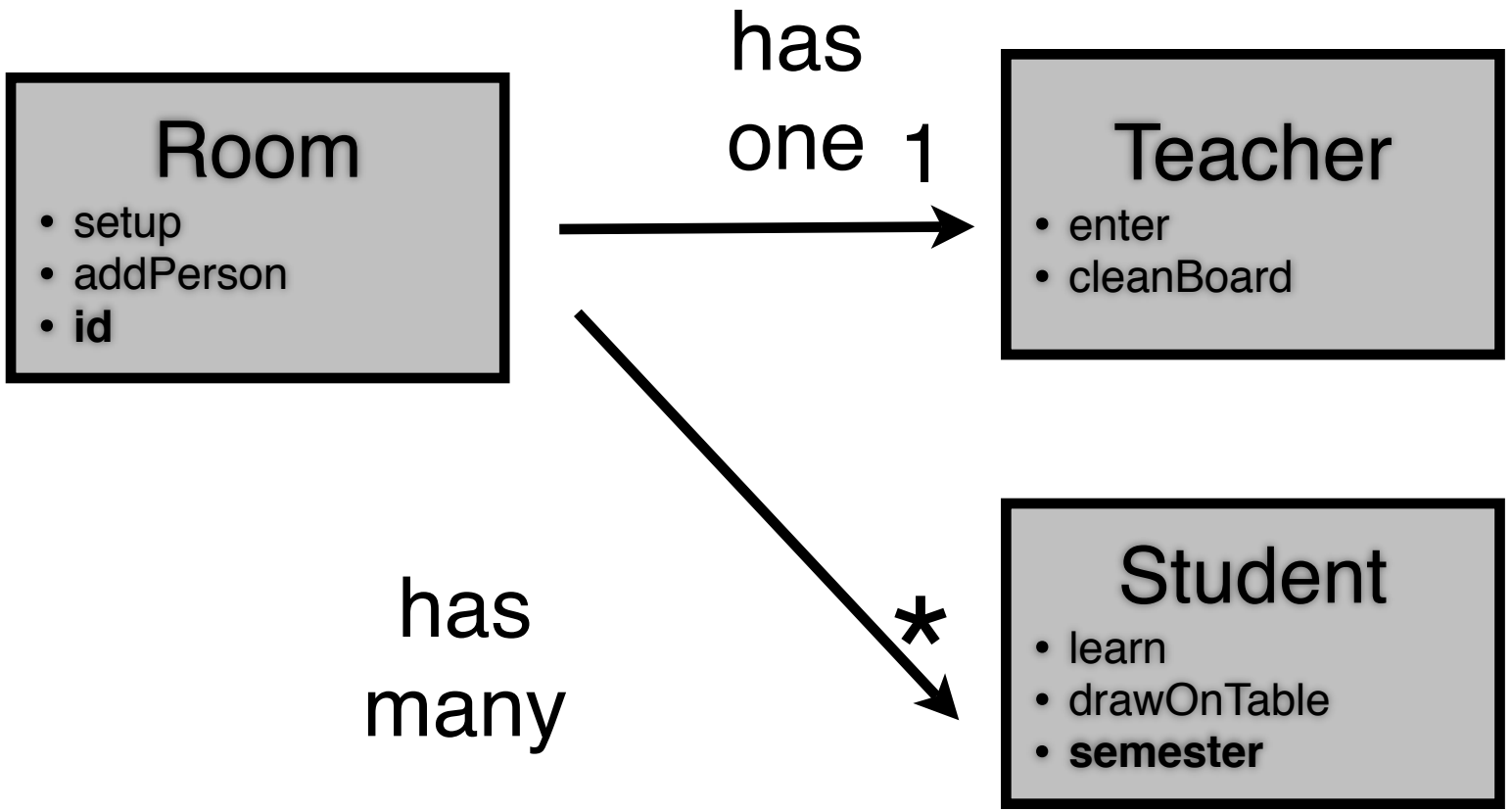
CRC

Class: Room	
Responsibility	Collaborator
add setup	People

Class Diagram: Inheritance



Class Diagram: Aggregation



hands on

1. Choose Application Target
    - Trainstation
    - Street Junction
    - Elevator
    - Shopping Mall
2. Provide 4-10 CRC Cards
3. Provide Class Diagrams