**Tutorial Nov 9, 2015**

* The set of places where people in Waterloo were born
  + { x | ∃y . born(y, x) ∧ in(y, Waterloo)}
  + { birthplace(x) | x ∈ Person ∧ in(x, Waterloo)}
* Everyone enrolled in CS777 is enrolled in CS772 or CS771
  + CS777 ⊆ CS772 ∪ CS771
* No student who likes volleyball is from Montana
  + Student ∩ LikesVolleyball ∩ FromMontana = ∅
* Relations:
  + Owns: People ↔ Cars
  + Drives: People ↔ Cars
  + Enrolled: People ↔ Courses
* Sets: People, Cars, Courses, Blue Cars
* Not everyone who owns a car is enrolled in a course
  + ¬(dom(owns) ⊆ dom(enrolled))
* All the cars owned by people who are enrolled in a course are blue cars
  + Ran(dom(enrolled) <| owns) ⊆ Blue Cars
  + Owns(|dom(enrols)|) ⊆ Blue Cars
* All the blue cars that are driven are owned by their drivers
  + Drives |> Blue Cars ⊆ owns