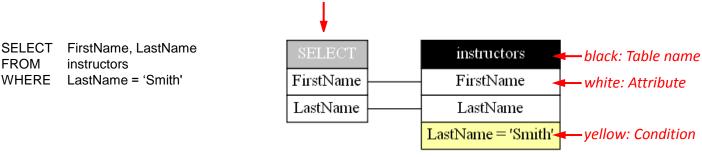
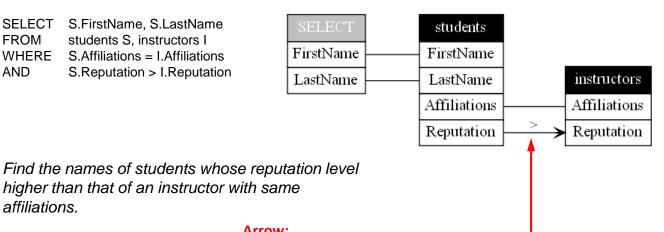
Database Schema instructors(InstructorID, FirstName, LastName) students(StudentID, FirstName, LastName, Affiliations, Reputation) bookcache (BookID, ISBN, Title, Author, Edition, Publisher) coursebooks(courseid, BookID, BookType) catalog_entries(catalog_entry_id, Title, course id)

gray: SELECT clause with selected attributes

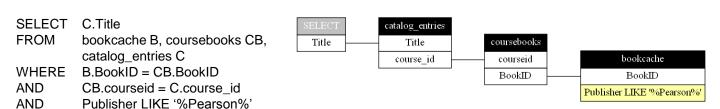


Find instructors whose last name is 'Smith'



Arrow:

 Comparison: the attribute at the arrow tail (here 'Reputation' on the left) is > than the attribute at the arrow head (here 'Reputation' on the right)



Find the titles of courses that use book(s) whose publisher contains string "Pearson".