

Nested (Sub) Queries

Prof (pid, lname, fname, rank, research)

Dept (did, name, address, *chair*) (Note *chair* refers to *pid* in Prof)

Appt (*pid*, *did*, percentage)

Proj (prid, sponsor, budget, *pid*) (Note *pid* means PI on Proj)

1. List professor(s) (lname, prid, budget) who is PI on the largest single grant in dollars.
2. List of professor(s) (pid, lname, total) with largest total budget from all grants.
3. List professor(s) (pid, lname, count) with most grants.
4. Correlated nested query; use of NOT EXISTS; Division example
List professor(s) (pid, lname) with appointments in every department

Additional questions from Editor's database

5. Find people (id, name) who were authors in every year from 2011 to 2014.
6. Find all people who never did a review.