

CPTR-312
Assignment 2
Due Friday, Sept. 19

For the relation,

Employee(Emp_no, Name, Dept)

Emp_no	Name	Dept
2	Curtis	Math
4	Smith	Physics
7	Green	Philosophy
11	Andrews	Physics
12	Briand	Math
13	Nagochi	Biology
15	Ayo	Philosophy

1. Give the relational algebra expression that will evaluate the following query:

Employees in the same department as employee number 4

2. Give two expressions that evaluate the relation instance:

Emp_no	Name	Dept
2	Curtis	Math
4	Smith	Physics
7	Green	Philosophy
11	Andrews	Physics
12	Briand	Math
13	Nagochi	Biology

3. Give the relational algebra expression that will evaluate the following query:

Employees in the same department as the employee Briand