Nonequijoin

SELECT e.last\_name, e.salary, j.grade

FROM employees e, job\_grades j WHERE e.salary

BETWEEN j.lowest\_sal AND j.highest\_sal

Outer Join

select e.employee\_id,e.last\_name,e.department\_id,d.department\_id, d.department\_name FROM employees e, departments d

where e.department\_id=d.department\_id(+) order by e.employee\_id

Self Join

select e.employee\_id,e.last\_name,e.department\_id,m.department\_id as ManagerT, m.salary ManagerTSal

FROM employees e, employees m

where e.employee\_id=m.employee\_id order by e.employee\_id

SELECT worker.last\_name || ' works for '

|| manager.last\_name

FROM employees worker, employees manager

WHERE worker.manager\_id = manager.employee\_id

Cross

SELECT locations.location\_id, department\_name,street\_address

FROM departments cross join locations

Natural Join

SELECT department\_id, department\_name, location\_id, city

FROM departments

Natural join locations

SELECT e.employee\_id, e.last\_name, d.location\_id

from employees e join departments d Using (department\_id)

SELECT e.employee\_id, e.last\_name, e.department\_id, d.department\_id, d.location\_id

FROM employees e JOIN departments d

ON (e.department\_id = d.department\_id);

SELECT e.employee\_id, e.last\_name, e.department\_id, d.department\_id, d.location\_id

FROM employees e JOIN departments d

ON (e.department\_id = d.department\_id)

JOIN locations l

ON d.location\_id = l.location\_id;

SELECT e.last\_name, e.department\_id, d.department\_name FROM employees e

Left OUTER JOIN departments d

ON (e.department\_id = d.department\_id)

SELECT e.last\_name, e.department\_id, d.department\_name FROM employees e

Right OUTER JOIN departments d

ON (e.department\_id = d.department\_id)