Join

1. The relation schema given:

Employee (eid, name, salary, child\_id)

Children (child\_id, c-name, DOB)

There are some employees who have no child.

Find eid, name, c-name of all employees whether he/she have child or not.

\*\* Use left outer join

Answer:

SELECT e.eid, e.name, c.c-name

FROM Employee e

LEFT OUTER JOIN Children c ON e.child\_id = c.child\_id;

1. Given

Employee (eid, name, salary, project\_id)

Project (project\_id, p-name, budget)

There are some employees who do not work to any project and also some projects those have not assigned any employee.

Find eid, name, p-name of all projects with employee or no employee and all employees work to project or not.

Use full outer join.

Answer:

SELECT e.eid, e.name, p.p-name

FROM Employee e

FULL OUTER JOIN Project p ON e.project\_id = p.project\_id

ORDER BY e.eid, p.p-name;