EQUI Join in Oracle

An equijoin is such a join that performs against a join condition containing an equality operator. It combines rows of one table associated with one or more rows in another table based on the equality of column values or expressions.

Retrieving data from multiple tables based on "equal operator (=) " is called an EQUI join. When we use EQUI join between two or more tables, the common column (or) common field name does not need to be the same name (but recommended). The common column (or) common field datatype must be matched.

EQUI Join Example:

Write a Query to retrieve Employee and the corresponding department details from Employee and Department tables by using EQUI join?

`SELECT * FROM Employee, Department WHERE DepartmentId = DepartmentId;`

`SELECT * FROM Employee, Department WHERE Employee.DepartmentId = Department.DepartmentId;`

Or

`SELECT * FROM Employee E, Department D WHERE E.DepartmentId = D.DepartmentId;`

Oracle EQUI Joins using AND, IN

```
SELECT * FROM Employee E, Department D
WHERE E.DepartmentId = D.DepartmentId
AND E.DepartmentId IN (10, 30);
```