Cross Join:

→ In this type of join data in each and every row in one table is added to all the rows in another table.

→ Here cross product operation is performed

→ Result set will m * n rows i.e., no. of rows of left table * no. of rows of right table

Employee

Emp_ID	Emp_Name	Salary
100	Rena	20000
101	Mathew	40 000
102	Amar	30 000

Department

Dept_ID	Dept_Name
1	Furniture
2	Technology

Cross Join [CROSS JOIN]

Emp_ID	Emp_Name	Salary	Dept_ID	Dept_Name
100	Rena	20000	1	Furniture
100	Rena	20000	2	Technology
101	Mathew	40 000	1	Furniture
101	Mathew	40000	2	Technology

Implementation:

Select count(*) from employee, department;
13*4 = 52
Select count(*) from employee; eg: 13
Select count(*) from department; eg: 4

Select * from employee cross join department;

if you check the count of above, you will get 52.

Select count(*) from employee cross join department;

more examples:

Select * from customers, orders;

Select count(*) from customers; eg: 3
Select count(*) from orders; eg: 2

Select count(*) from customers, orders; eg: 6
=> 3*2 = 6