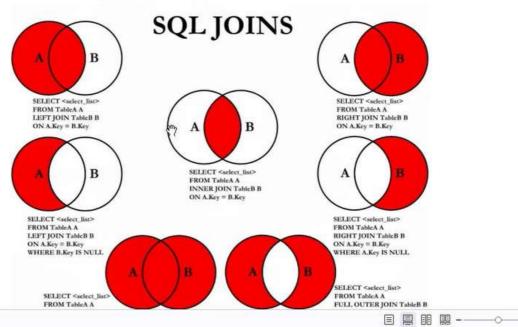


MySQL JOINS are used with SELECT statement. It is used to retrieve data from multiple tables. It is performed
whenever you need to fetch records from two or more tables.

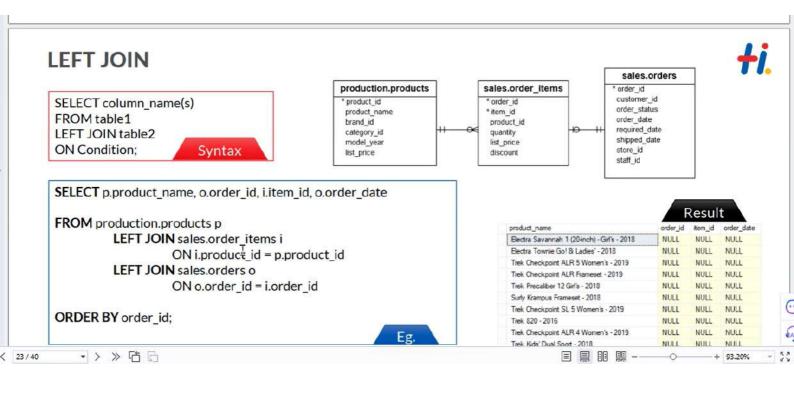
20 / 40

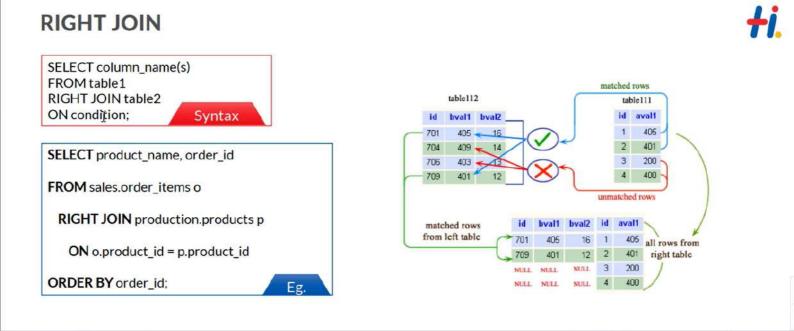
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+ 93.20%

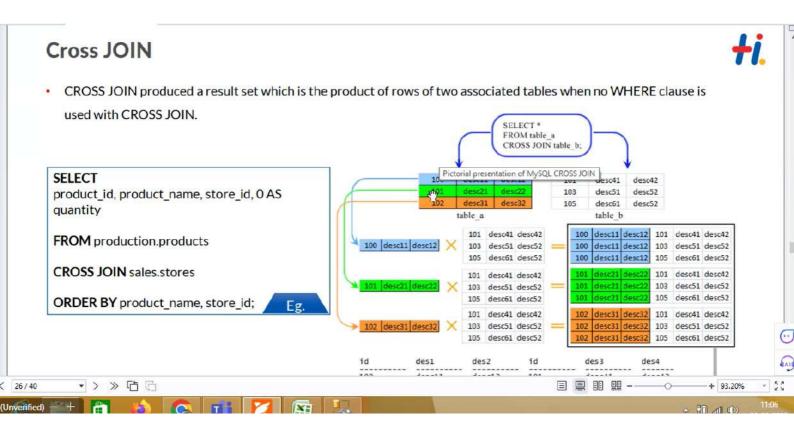
```
WINCTRL-61E7K6K\...\SQLQuery1.sql* Summary
                                                                                                      + ×
   -----right join-----
   select * from employee
   right join
   salary
   on employee.eid=salary.eid;
   select e.eid, e.ename, e.dept_id, s.total_salary from employee as e
   right join
   salary as s
   on e.eid=s.eid;
   select e.eid, e.ename, e.dept_id, s.total_salary from employee as e
   right outer join
   salary as s
   on e.eid=s.eid;
<
Results Amessages
```

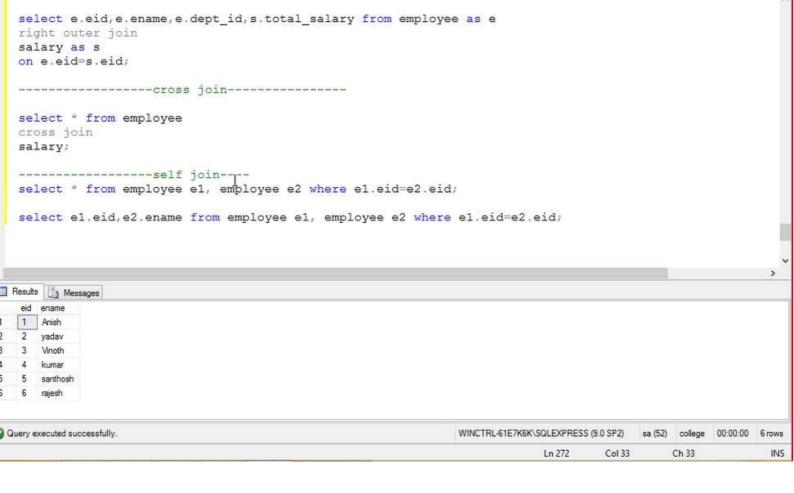




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WINCTRL-61E7K6K\...\SQLQuery1.sql\* Summary

```
select e1.eid,e2.ename from employee e1, employee e2 where e1.eid=e2.eid;
 ----group by----
select count(e.dept_id) as Total_Members, e.dept_id from employee as e
 inner join
 salary as s
 on e.eid=s.eid group by e.dept_id;
 -----having clause in joins-----
 select count(e.dept_id) as Total_Members, e.dept_id from employee as e
 inner join
 salary as s
 on e.eid=s.eid group by e.dept_id having count(e.dept_id)>=2;
 ----order by--
 select e.eid, e.ename, e.dept_id, s.total_salary from employee as e
 right outer join
 salary as s
 on e.eid=s.eid order by s.eid[
Results 🛅 Messages
```

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```
-----union----
   select * from emp_salary
   union
   select * from salary;
   select eid from employee
   union
   select eid from salary
   ----Intersect---
   select eid from employee
   intersect
   select eid from salary
   ----Except-----
   select eid from employee
   except
   select eid from salary
<
Results Messages
```

- JOIN: Combines rows from two or more tables based on a related column.
- INTERSECT: Returns common rows between two SELECT queries.
- UNION: Combines results of two SELECT queries (removes duplicates by default).
- EXCEPT: Returns rows from the first SELECT query that do not exist in the second.
- MERGE: Combines INSERT, UPDATE, and DELETE operations based on matching conditions.

- 1. INNER JOIN Returns matching rows from both tables.
- LEFT JOIN (LEFT OUTER JOIN) Returns all rows from the left table + matching rows from the right.
- 3. **RIGHT JOIN (RIGHT OUTER JOIN)** Returns all rows from the right table + matching rows from the left.
- 4. **FULL JOIN (FULL OUTER JOIN)** Returns all rows when there is a match in either table.
- 5. **CROSS JOIN** Returns the **Cartesian product** of both tables.
- 6. SELF JOIN Joins a table with itself.

