

1. UNION: Operator that returns all rows from both tables and eliminates duplicates.
2. Surrogate Columns: Columns that are made up to match queries in another table and are not found in both tables.
3. UNION ALL: Operator that returns all rows from both tables, including duplicates.
4. UNION, INTERSECT, MINUS: Used to combine results into one single result from multiple SELECT statements.
5. MINUS: Operator that returns rows that are unique to each table.
6. INTERSECT: Operator that returns rows common to both tables.

1. Set Operators:

UNION: Combines rows from both queries, eliminating duplicates.

UNION ALL: Combines rows from both queries, keeping duplicates.

INTERSECT: Returns rows common to both queries.

MINUS: Returns rows unique to the first query.

2. SELECT employee\_id, job\_id, hire\_date AS start\_date, department\_id  
FROM employees  
UNION  
SELECT employee\_id, job\_id, start\_date, department\_id  
FROM job\_history;
3. SELECT employee\_id, job\_id, hire\_date AS start\_date, department\_id  
FROM employees  
UNION ALL  
SELECT employee\_id, job\_id, start\_date, department\_id  
FROM job\_history  
ORDER BY employee\_id;
4. SELECT employee\_id, job\_id, hire\_date, department\_id  
FROM employees  
WHERE employee\_id NOT IN (SELECT employee\_id FROM job\_history);
5. SELECT employee\_id, job\_id, hire\_date, department\_id  
FROM employees  
WHERE employee\_id IN (SELECT employee\_id FROM job\_history);
6. SELECT employee\_id, job\_id, NVL(salary, 0) AS salary  
FROM employees  
UNION  
SELECT employee\_id, job\_id, 0 AS salary  
FROM job\_history;