



This Topic

Union
Union All

UNION

- Combines the result set of 2 or more select statements
- Rules
 - Each result set must have the same column
 - The columns must be in the same order

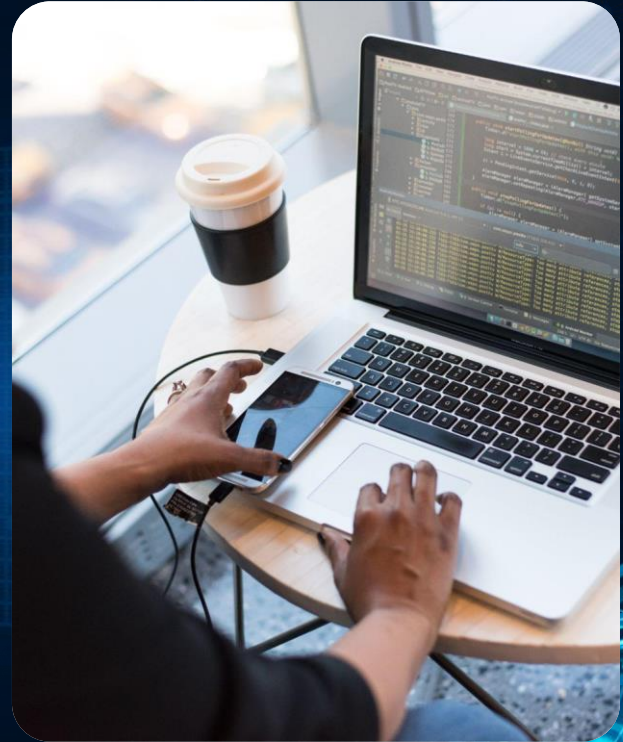


UNION

Select *columnname(s)* from table1

Union

Select *columnname(s)* from table2



UNION AND UNION ALL

Query1

Name	Company
Jon Wilson	Facebook
Steve Smith	Facebook
Rachel Burns	Linkedin
Paul Jones	Facebook

Query2

Name	Company
Sarah Johnson	Facebook
Paul Jones	Facebook
Rebecca Wood	Linkedin

Output after Union

Name	Company
Jon Wilson	Facebook
Steve Smith	Facebook
Rachel Burns	Linkedin
Sarah Johnson	Facebook
Paul Jones	Facebook
Rebecca Wood	Linkedin

Output after Union All

Name	Company
Jon Wilson	Facebook
Steve Smith	Facebook
Rachel Burns	Linkedin
Sarah Johnson	Facebook
Paul Jones	Facebook
Paul Jones	Facebook
Rebecca Wood	Linkedin

EXAMPLE

```
SELECT  
  
    contactFirstName, contactLastName  
  
FROM classicmodels.customers  
  
union  
  
firstName as contactFirstName,  
  
lastName as contactLastName  
  
FROM classicmodels.employees
```

EXAMPLE

```
SELECT  
  
  'customer' as type,  
  
  contactFirstName,  
  
  contactLastName  
  
FROM classicmodels.customers  
  
union  
  
SELECT  
  
  'employee' as type,  
  
  firstName as contactFirstName,  
  
  lastName as contactLastName  
  
FROM classicmodels.employees
```