

# UNION VS UNION ALL

## UNION ALL

FIRST_NAME	SALARY
Eleni	10500
Clara	10500
Den	11000
Gerald	11000
Ellen	11000
Lisa	11500
Alberto	12000
Shelley	12008
Nancy	12008
Michael	13000
Alberto	12000
Nancy	12008
Shelley	12008
Michael	13000
Karen	13500
John	14000
Lex	17000
Neena	17000
Steven	24000

Select \* from Table1  
Union all  
Select \* from Table2

Table 1

FIRST_NAME	SALARY
Eleni	10500
Clara	10500
Gerald	11000
Ellen	11000
Den	11000
Lisa	11500
Alberto	12000
Shelley	12008
Nancy	12008
Michael	13000

Table 2

FIRST_NAME	SALARY
Alberto	12000
Nancy	12008
Shelley	12008
Michael	13000
Karen	13500
John	14000
Neena	17000
Lex	17000
Steven	24000

## UNION

FIRST_NAME	SALARY
Alberto	12000
Clara	10500
Den	11000
Eleni	10500
Ellen	11000
Gerald	11000
John	14000
Karen	13500
Lex	17000
Lisa	11500
Michael	13000
Nancy	12008
Neena	17000
Shelley	12008
Steven	24000

No duplicates  
sorted by first column

Select \* from Table1  
Union  
Select \* from Table2

# MINUS

Table 1

FIRST_NAME	SALARY
Eleni	10500
Clara	10500
Gerald	11000
Ellen	11000
Den	11000
Lisa	11500
Alberto	12000
Shelley	12008
Nancy	12008
Michael	13000

Table 2

FIRST_NAME	SALARY
Alberto	12000
Nancy	12008
Shelley	12008
Michael	13000
Karen	13500
John	14000
Neena	17000
Lex	17000
Steven	24000

Table 1 MINUS TABLE 2

FIRST_NAME	SALARY
Eleni	10500
Clara	10500
Gerald	11000
Ellen	11000
Den	11000
Lisa	11500
Alberto	12000
Shelley	12008
Nancy	12008
Michael	13000

Removed

```
Select * from Table1
Minus
Select * from Table2
```

TABLE1 **MINUS** TABLE2

WILL REMOVE THOSE ROW FROM TABLE1  
IF IT EXISTS IN TABLE 2

# MINUS

Table 2

FIRST_NAME	SALARY
Alberto	12000
Nancy	12008
Shelley	12008
Michael	13000
Karen	13500
John	14000
Neena	17000
Lex	17000
Steven	24000

Table 2- TABLE1

FIRST_NAME	SALARY
Alberto	12000
Nancy	12008
Shelley	12008
Michael	13000
Karen	13500
John	14000
Neena	17000
Lex	17000
Steven	24000

Removed

```
Select * from Table2  
Minus  
Select * from Table1
```

Table 1

FIRST_NAME	SALARY
Eleni	10500
Clara	10500
Gerald	11000
Ellen	11000
Den	11000
Lisa	11500

Alberto	12000
Shelley	12008
Nancy	12008
Michael	13000

TABLE2 **MINUS** TABLE1

WILL REMOVE THOSE ROW FROM TABLE2  
IF IT EXISTS IN TABLE 1

# INTERSECT

Table 2

FIRST_NAME	SALARY
Alberto	12000
Nancy	12008
Shelley	12008
Michael	13000
Karen	13500
John	14000
Neena	17000
Lex	17000
Steven	24000

Table 1

FIRST_NAME	SALARY
Eleni	10500
Clara	10500
Gerald	11000
Ellen	11000
Den	11000
Lisa	11500
Alberto	12000
Shelley	12008
Nancy	12008
Michael	13000

```
Select * from Table1
intersect
Select * from Table2
```

Table 1 INTERSECT TABLE2

FIRST_NAME	SALARY
Alberto	12000
Nancy	12008
Shelley	12008
Michael	13000

TABLE 1 **INTERSECT** TABLE 2

IT WILL RETURN  
ONLY THE COMMON ROWS  
IN BOTH TABLE