01 – Union / union all

union/union all: Union combines the results of queries into a single result

Types
- union all: include all records (i.e. include duplicates)
- union: exclude duplicates

Rules
- Number and order of fields ***must*** be the same in queries
- Data types across fields ***must*** be compatible

union all

```
select 'Jane' val
union all
select 'Sally'
union all
select 'Jon'
union all
select 'Don'
union all
select 'Jane'
;
```

	val
1	Jane
2	Sally
3	Jon
4	Don
5	Jane

```
select *
from shapeArea

union all

select 'square', 9
;
```

	shape	area
1	circle	33.5700
2	triangle	12.5400
3	square	9.0000

```
select
    cv.redRGB R
  , cv.greenRGB G
  , cv.blueRGB B
from colorValue cv
where cv.color = 'blue'

union all

select 0, 176, 240

union all

select 189, 215, 238;
```

	R	G	B
1	189	215	238
2	0	176	240
3	189	215	238

union

```
select 'Jane' val
union
select 'Sally'
union
select 'Jon'
union
select 'Don'
union
select 'Jane'
;
```

	val
1	Jane
2	Sally
3	Jon
4	Don

```
select *
from shapeArea

union

select 'square', 9
;
```

	shape	area
1	circle	33.5700
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select
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  , cv.greenRGB G
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from colorValue cv
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union

select 0, 176, 240

union

select 189, 215, 238;
```

	R	G	B
1	0	176	240
2	189	215	238

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