1.

Display, order year, quarter, order count, avg freight cost only for those orders where freight cost > 100
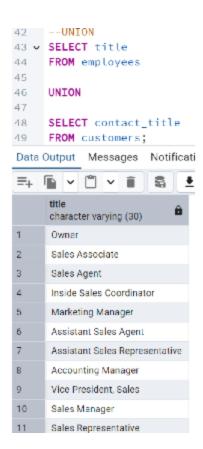
```
16   ORDER BY
17       OrderYear,
18       OrderQuarter;
19
20 ⌄  /*2.      GROUP BY with HAVING - High Volume Ship Rep
```

Data Output   Messages   Notifications

orderyear numeric 🔒	orderquarter numeric 🔒	ordercount bigint 🔒	avgfreightcost numeric 🔒
1996	3	12	163.84
1996	4	22	203.85
1997	1	14	232.65
1997	2	21	269.55
1997	3	26	236.44
1997	4	33	206.75
1998	1	43	245.48
1998	2	16	292.79

2----

```
37    ORDER BY
38        order_count DESC;
```

Data Output   Messages   Notifications

	ship_region character varying (15) 🔒	order_count 🔒 bigint	min_freight 🔒 real	max_freight 🔒 real
1	SP	49	0.14	890.78
2	RJ	34	2.27	193.37
3	ID	31	8.19	830.75
4	OR	28	0.2	719.78
5	Co. Cork	19	16.74	603.54
6	WA	19	4.56	606.19
7	NM	18	8.53	708.95
8	Táchira	18	2.08	210.19
9	BC	17	0.94	243.73
10	Lara	14	0.12	163.97
11	Essex	13	3.04	146.32

Total rows: 16   Query complete 00:00:00.152

3-------

```
42    --UNION
43 ∨  SELECT title
44    FROM employees
45
46    UNION
47
48    SELECT contact_title
49    FROM customers;
```

Data Output   Messages   Notificati

title character varying (30) 🔒
1	Owner
2	Sales Associate
3	Sales Agent
4	Inside Sales Coordinator
5	Marketing Manager
6	Assistant Sales Agent
7	Assistant Sales Representative
8	Accounting Manager
9	Vice President, Sales
10	Sales Manager
11	Sales Representative

4-----------

```
63    from products
64    where units_in_stock >0
65
66    INTERSECT
67
68    select category_id, units_in_stock as inst
69    from products
70    where discontinued = 0
71    order by instock;
72
```

Data Output Messages Notifications

category_id smallint	Instock smallint
3	3
7	4
2	4
8	5

Or

category_id smallint	instock smallint
3	3
7	4
2	4
8	5
3	6
2	6
4	9
8	10
3	10
8	11
2	13

5--------------------

```
76    from orders
77
78    Except
79
80    select distinct order_id
81    from order_details
82    where discount = 1;
```

Data Output   Messages   Notifications

	order_id 🔒 smallint
1	11038
2	10782
3	10725
4	10423
5	10518
6	10356
7	10963
8	10596

Or

4	10423
5	10518
6	10356
7	10963
8	10596
9	10282
10	10658
11	10283

Total rows: 830   Query complete 00:0