

HomeWork Data Science Batch 38: SQL 2

Agung Nur Sadewa

1.

```
--  
12 |--Query Soal NO.1  
13  
14 |SELECT DISTINCT country  
15 |FROM country  
16 |ORDER BY country  
--
```

country
Afghanistan
Algeria
American Samoa
Angola
Anguilla
Argentina
Armenia
Australia
Austria

2.

```
--  
12 |--Query Soal No.2  
13  
14 |SELECT CONCAT (address, ' ',address2) AS full_address  
15 |FROM address  
--
```

full_address
47 MySakila Drive
28 MySQL Boulevard
23 Workhaven Lane
1411 Lillydale Drive
1913 Hanoi Way
1121 Loja Avenue
692 Joliet Street
1566 Inegl Manor
53 Idfu Parkway

3.

```
--
12 --Query Soal No.3
13
14 SELECT customer_id, COUNT(payment_id) AS Count_Transaction, SUM(amount) AS Total_Amount
15 FROM payment
16 GROUP BY customer_id
17 ORDER BY Count_Transaction DESC
```

customer_id ▲	count_transaction ▲	total_amount ▲
148	45	211.55
526	42	208.58
144	40	189.60
75	39	149.61
236	39	166.61
178	39	194.61
410	38	167.62
137	38	191.62
459	37	183.63

599 0 affected 0.383 s

4.

```
12 --Query Soal No.4
13
14 SELECT t1.customer_id, COUNT(t1.payment_id) AS Count_Transaction, t4.city
15 FROM payment t1 JOIN customer t2
16 ON t1.customer_id=t2.customer_id
17 JOIN address t3
18 ON t2.address_id=t3.address_id
19 JOIN city t4
20 ON t3.city_id=t4.city_id
21 WHERE Substring(t4.city,1,1)='A'
22 GROUP BY t1.customer_id, t4.city
23 ORDER BY Count_Transaction DESC
```

customer_id ▲	count_transaction ▲	city ▲
137	38	Apeldoorn
360	32	Arecibo
84	30	Atlixco
210	30	Aden
102	30	Ashdod
452	29	Abu Dhabi
479	29	Akron
560	29	Avellaneda
52	28	A Corua (La Corua)

39 0 affected 0.071 s