Praktikum

Susunan Tabel

Tabel Employees

MariaDB	[xi_rpl_1]> 9	SELECT * FROM	1 Employees;					
EmpID	LastName	FirstName	Title	Address	City	Country	HomePhone	Salary
1	Davolio	Nancy	Sales Rep.	507 - 20th Ave. E. Apt. 2A	Seattle	USA	(206) 555-9857	5450
2	Fuller	Andrew	Vice President	908 W. Capital Way	Tacoma	USA	(206) 555-9482	5210
3	Leverling	Janet	Sales Rep.	722 Moss Bay Blvd.	Kirkland	USA	(206) 555-3412	6575
4	Peacock	Margaret	Sales Rep.	4110 Old Redmond Rd.	Redmond	USA	(206) 555-8122	8210
5	Buchanan	Steven	Sales Manager	14 Garrett Hill	London	UK	(71) 555-4848	4970
6	Suyama	Michael	Sales Rep.	Coventry House Miner Rd.	London	UK	(71) 555-7773	6435
7	King	Robert	Sales Rep.	12 Winchester Way	London	UK	(71) 555-5598	6435
8	Callahan	Laura	Sales Coord.	4726 - 11th Ave. N.E.	Seattle	USA	(206) 555-1189	7250
9	Dodsworth	Anne	Sales Rep.	7 Houndstooth Rd.	London	UK	(71) 555-4444	5670
+	+	+	·	·	+	+		++
9 rows in	n set (0.000	sec)						

Tabel Orders

OrderID CustID EmpID OrderDate RequiredDate ShippedDate ShipVia 10256 EASTC 3 8/15/1994 9/12/1994 8/17/1994 2 10257 SEVES 4 8/16/1994 9/13/1994 8/22/1994 3 10258 MAISD 1 8/16/1994 9/14/1994 8/23/1994 1 10259 ALFKI 4 8/18/1994 9/15/1994 8/25/1994 3 10260 ISLAT 4 8/19/1994 9/16/1994 8/29/1994 1	ariaDB [xi	i_rpl_1]>	select [*]	from orders	3		
10257 SEVES 4 8/16/1994 9/13/1994 8/22/1994 3 10258 MAISD 1 8/16/1994 9/14/1994 8/23/1994 1 10259 ALFKI 4 8/18/1994 9/15/1994 8/25/1994 3	OrderID	CustID	EmpID	OrderDate	RequiredDate	ShippedDate	ShipVia
	10257 10258 10259	SEVES MAISD ALFKI	4 1 4	8/16/1994 8/16/1994 8/18/1994	9/13/1994 9/14/1994 9/15/1994 9/16/1994	8/22/1994 8/23/1994 8/25/1994 8/29/1994	3 1 3 1

Query 1

```
lariaDB [xi_rpl_1]> select * from employees where
   -> city = (select city from employees where lastname = 'Callahan');
 Empld | LastName | FirstName |
                                              Address
                                                                          | City
                                                                                     | Country | HomePhone
        Davolio
                                              507 - 20th Ave. E. Apt. 2A | Seattle | USA
                                                                                                (206) 555-9857
                    Nancy
                                Sales Rep.
                                Sales Coord. | 4726 - 11th Ave. N.E.
        Callahan |
                   Laura
                                                                            Seattle | USA
                                                                                                (206) 555-1189
 rows in set (0.001 sec)
```

- SELECT city FROM employees WHERE lastname = 'Callahan'
- Subquery ini akan mencari dan mengembalikan nilai kota (city) dari karyawan yang memiliki nama belakang (lastname) 'Callahan'.
- Subquery ini hanya akan mengembalikan satu baris/nilai, yaitu kota tempat tinggal

karyawan bernama belakang 'Callahan'.

Query 2

nriaDB [xi_rpl_1]> select * from employees where -> salary < (select AVG(salary) FROM employees);									
Empld	LastName	FirstName	Title	Address	City	Country	HomePhone	Salary	
1 2 5 9	Davolio Fuller Buchanan Dodsworth	Nancy Andrew Steven Anne	Sales Rep. Vice President Sales Manager Sales Rep.	507 - 20th Ave. E. Apt. 2A 908 W. Capital Way 14 Garrett Hill 7 Houndstooth Rd.	Seattle Tacoma London London	USA USA UK UK	(206) 555-9857 (206) 555-9482 (71) 555-4848 (71) 555-4444	5450 5210 4970 5670	
rows ir	+ n set (0.001	+ sec)					+	+	

Query 3

+								
EmpID	LastName	FirstName	Title	Address	City	Country	HomePhone	Salary
2	Fuller	+ Andrew	Vice President	908 W. Capital Way	Tacoma	USA	+ (206) 555-9482	5210
5	Buchanan	Steven	Sales Manager	14 Garrett Hill	London	UK	(71) 555-4848	4970
6	Suyama	Michael	Sales Rep.	Coventry House Miner Rd.	London	UK	(71) 555-7773	6435
7	King	Robert	Sales Rep.	12 Winchester Way	London	UK	(71) 555-5598	6435
8	Callahan	Laura	Sales Coord.	4726 - 11th Ave. N.E.	Seattle	USA	(206) 555-1189	7250
9	Dodsworth	Anne	Sales Rep.	7 Houndstooth Rd.	London	UK	(71) 555-4444	5670

Query 4

Query 5

Query 6

Query 7

Query 8

Query 9

Query 10

Query 11

Query 12

Query 13

Query 14