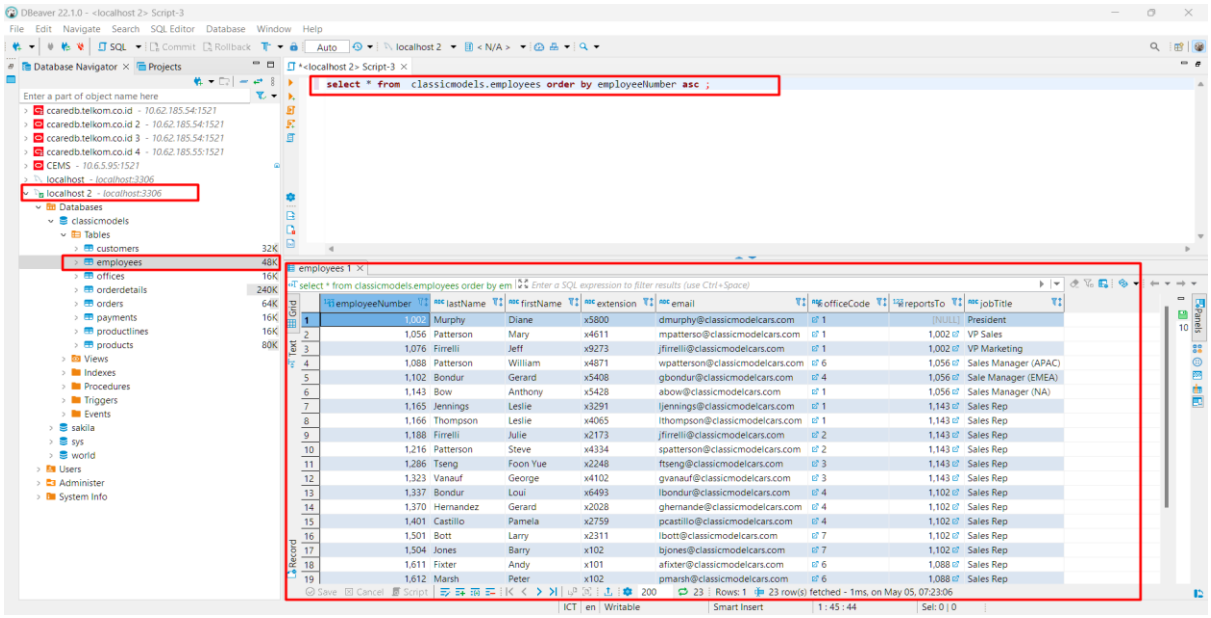
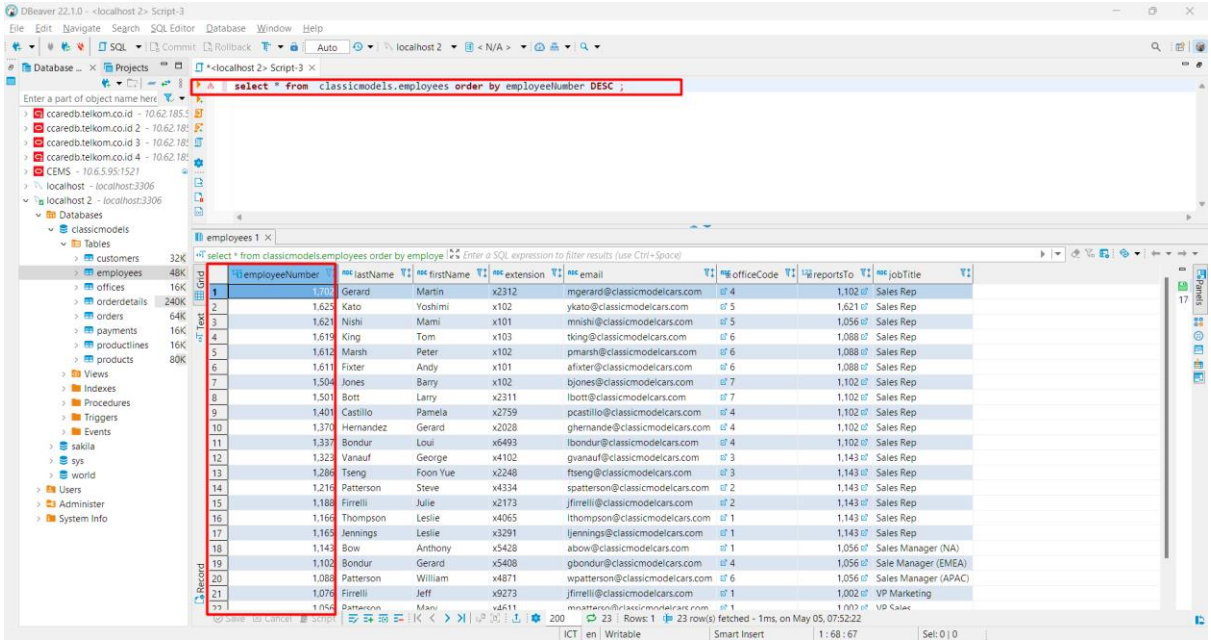
*Contoh Querry Select dan Update pada modul 1 :

#Querry Select 1 (Sorting Data**):**



Gambar 1 percobaan 1

```
select * from  classicmodels.employees order by employeeNumber asc ;
```

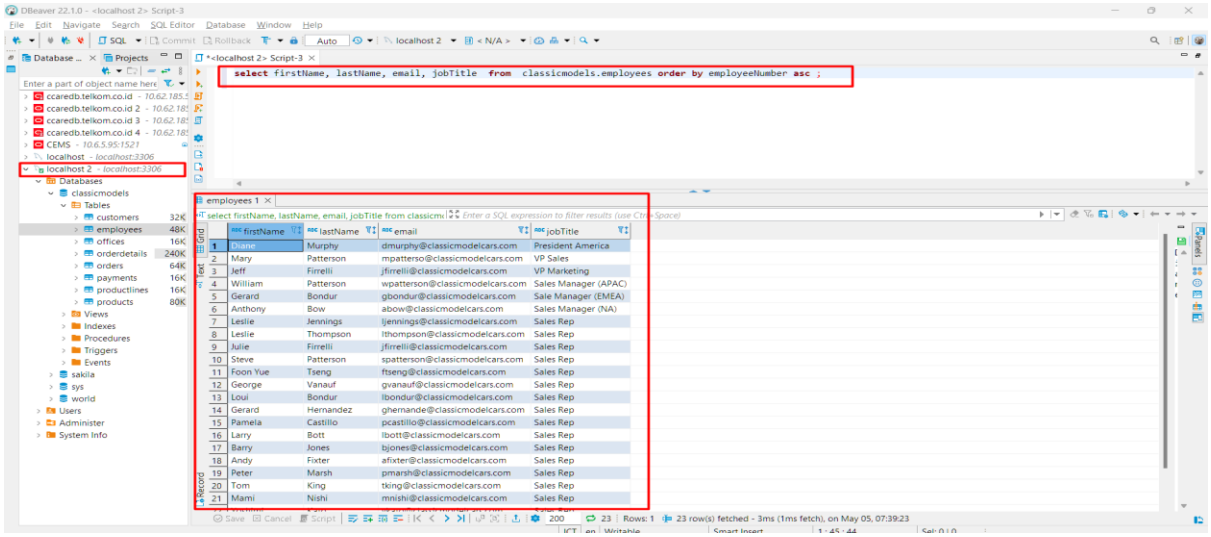


Gambar 2 percobaan 2 :

```
select * from  classicmodels.employees order by employeeNumber DESC ;
```

Note : **order by** employeeNumber **asc (digunakan untuk melakukan filter/mengurutkan mulai dari data yg terkecil) dan desc adalah kebalikan dari asc**

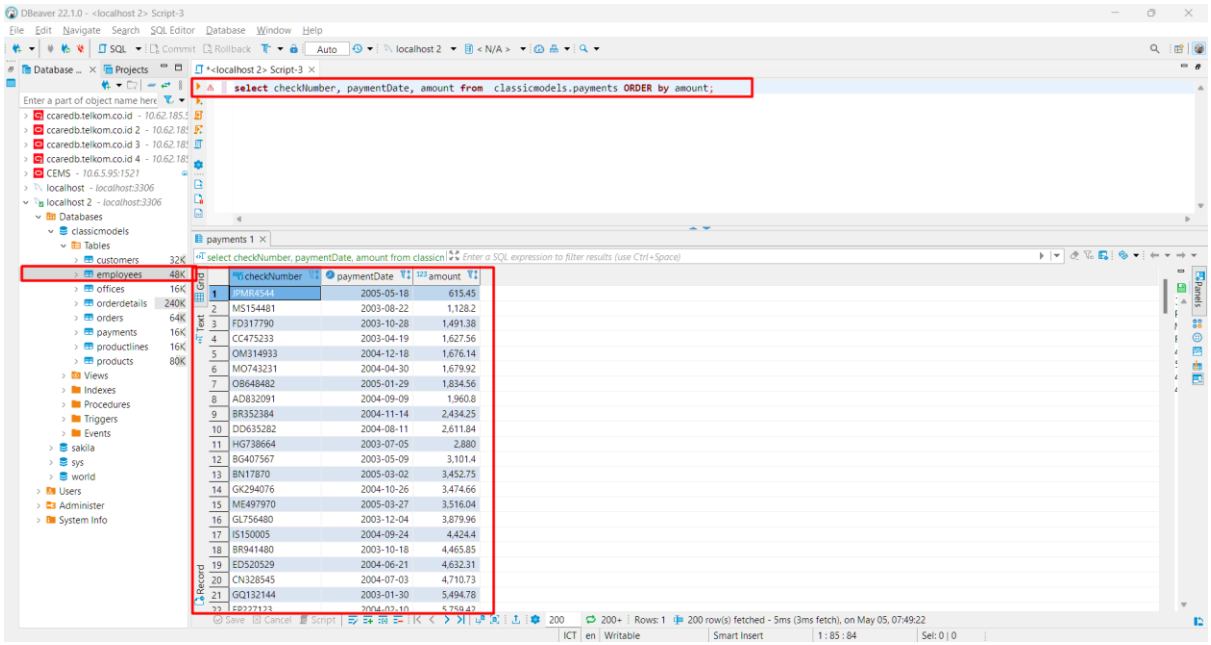
#Querry Select 2 (Menampilkan column data yang hanya ingin di lihat) “Filtering Data**”:**



Gambar 3

```
select firstName, lastName, email, jobTitle  from  classicmodels.employees order by employeeNumber asc ;
```

#Querry Select 3 (Menampilkan column data yang hanya ingin di lihat & filter berdasarkan data sorting):

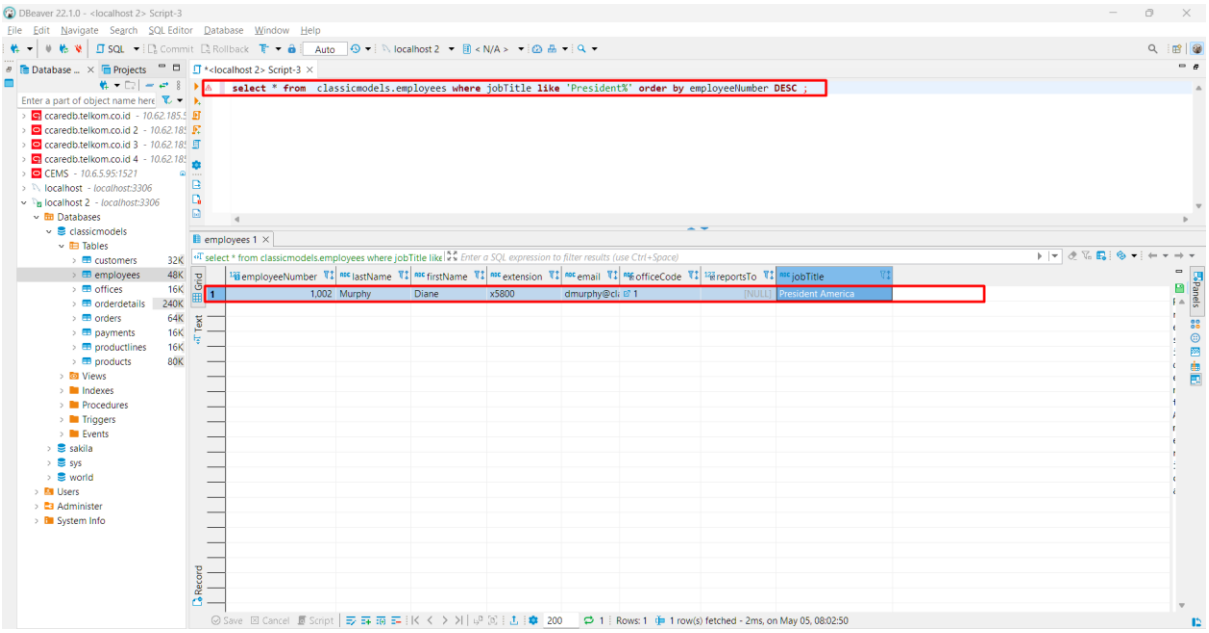


Gambar 4

```
select checkNumber, paymentDate, amount from  classicmodels.payments ORDER by amount;
```

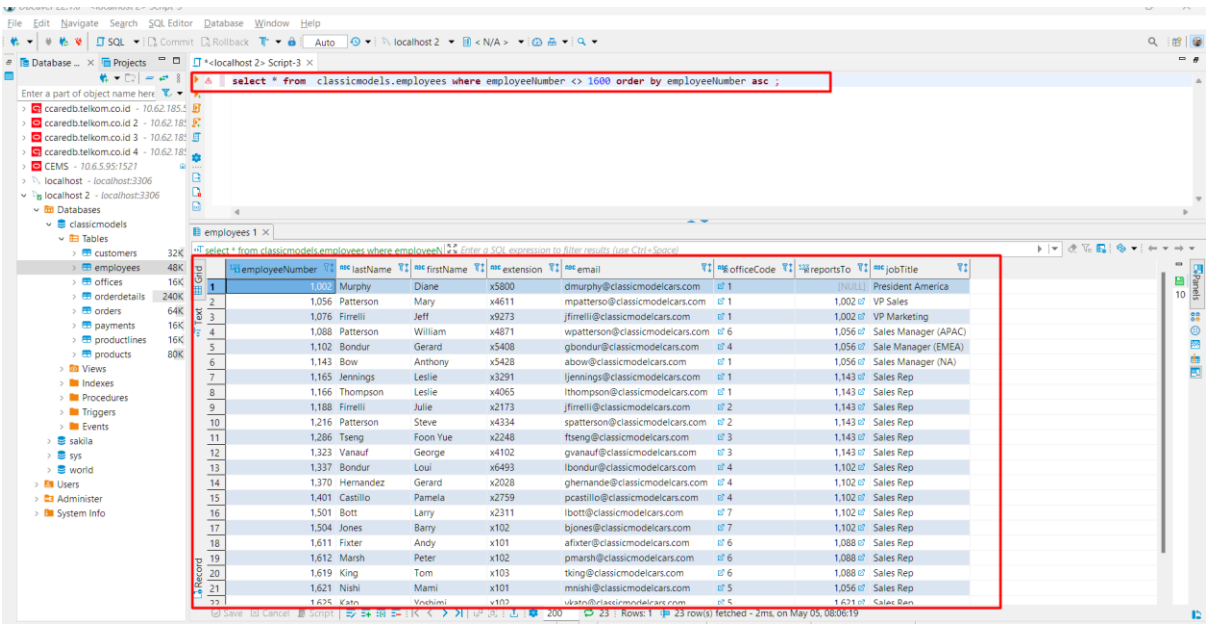
#Querry Select 3 “Like” (mencari data berdasarkan data yang mendekati/serupa)

```
select * from  classicmodels.employees where jobTitle like 'President%' order by employeeNumber DESC ;
```



Gambar 5 Filtering Data

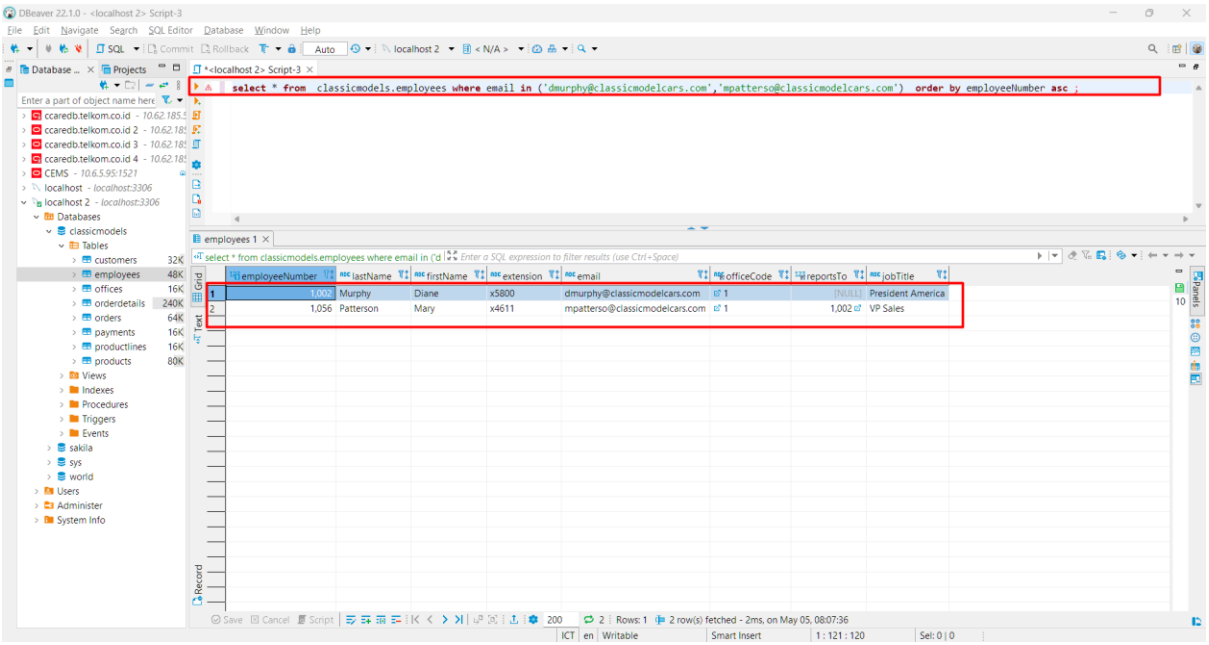
```
select * from  classicmodels.employees where employeeNumber <> 1600 order by employeeNumber asc ;
```



Gambar 6 Filtering Data

#Querry Select 4 querry mencari da

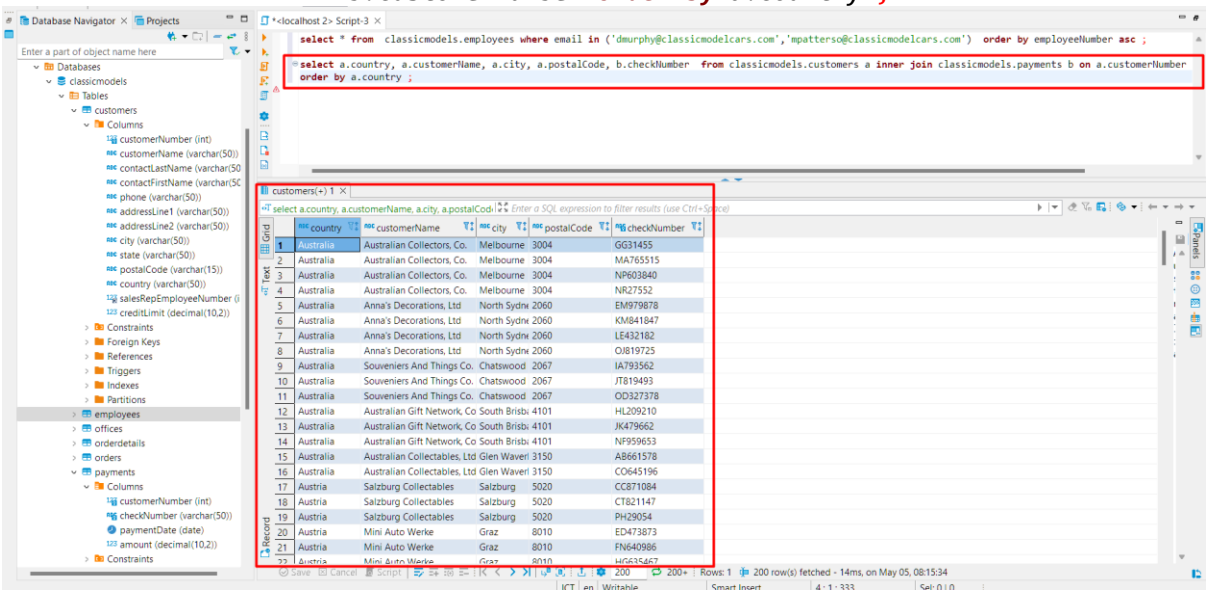
```
select * from  classicmodels.employees where email in
('dmurphy@classicmodelcars.com','mpatterso@classicmodelcars.com')  order by
employeeNumber asc ;
```



Gambar 7 Filtering data/mencari filter data lebih dari 1 dengan menggunakan querry “in”

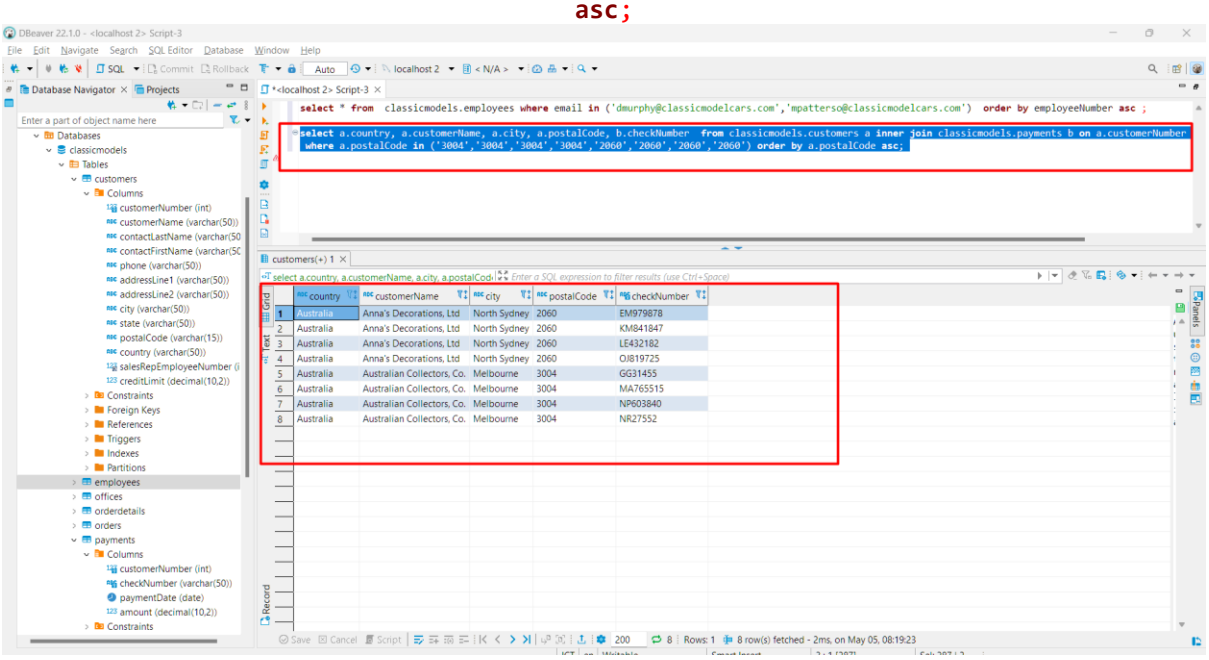
#Querry Select 5 (Join)

```
select a.country, a.customerName, a.city, a.postalCode, b.checkNumber  from
classicmodels.customers a inner join classicmodels.payments b on a.customerNumber
= b.customerNumber order by a.country ;
```



Gambar 8 querry join 2 table

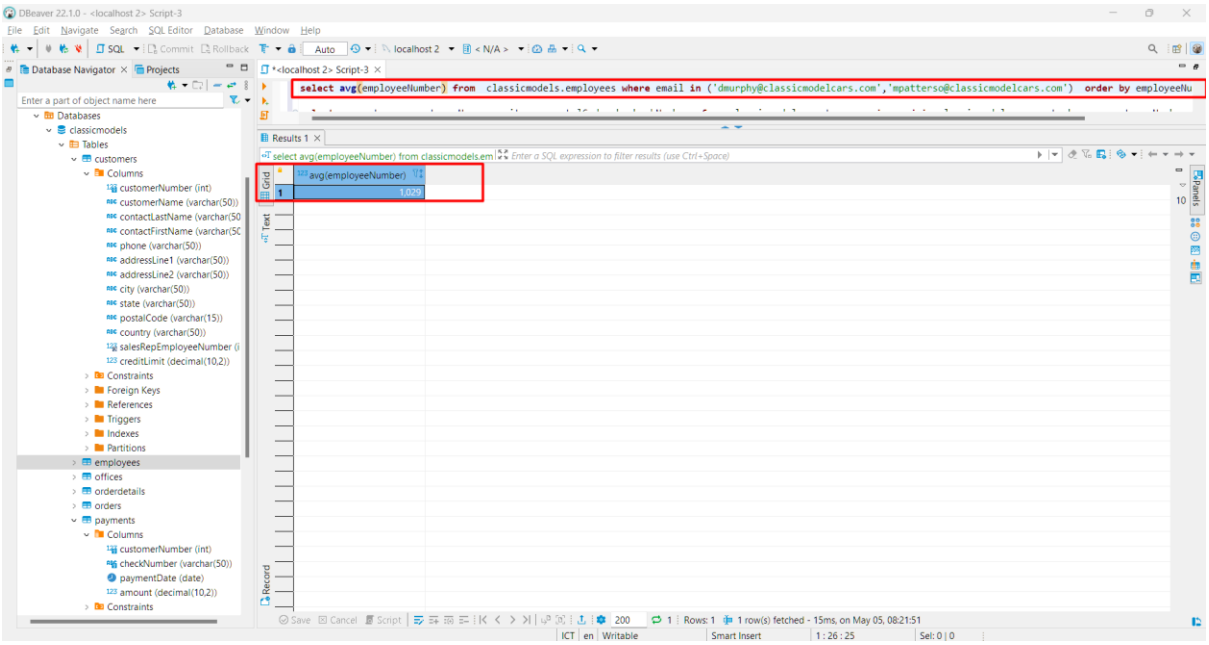
```
select a.country, a.customerName, a.city, a.postalCode, b.checkNumber  from classicmodels.customers a inner join classicmodels.payments b on a.customerNumber = b.customerNumber where a.postalCode in ('3004','3004','3004','3004','2060','2060','2060','2060') order by a.postalCode asc;
```



Gambar 9 querry join dengan filter data yg ingin di tampilkan

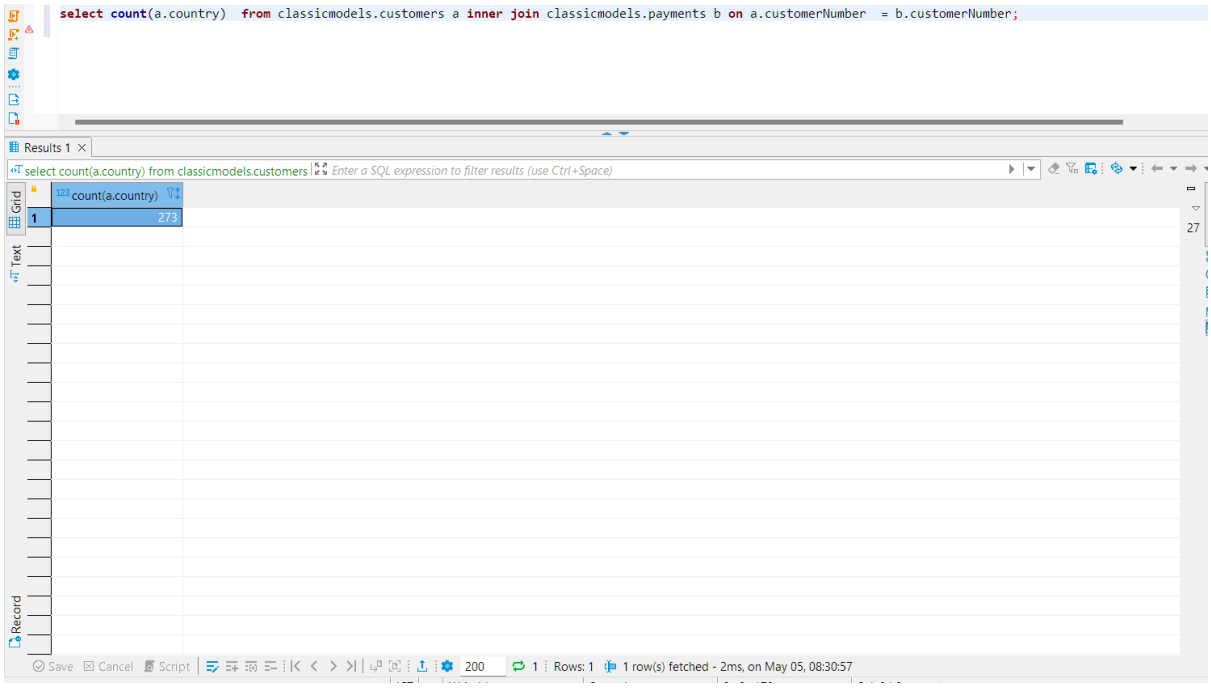
#Querry Select 6 (Agregate)

```
select avg(employeeNumber) from  classicmodels.employees where email in ('dmurphy@classicmodelcars.com','mpatterso@classicmodelcars.com')  order by employeeNumber asc ;
```



Querry 10 Ageregate

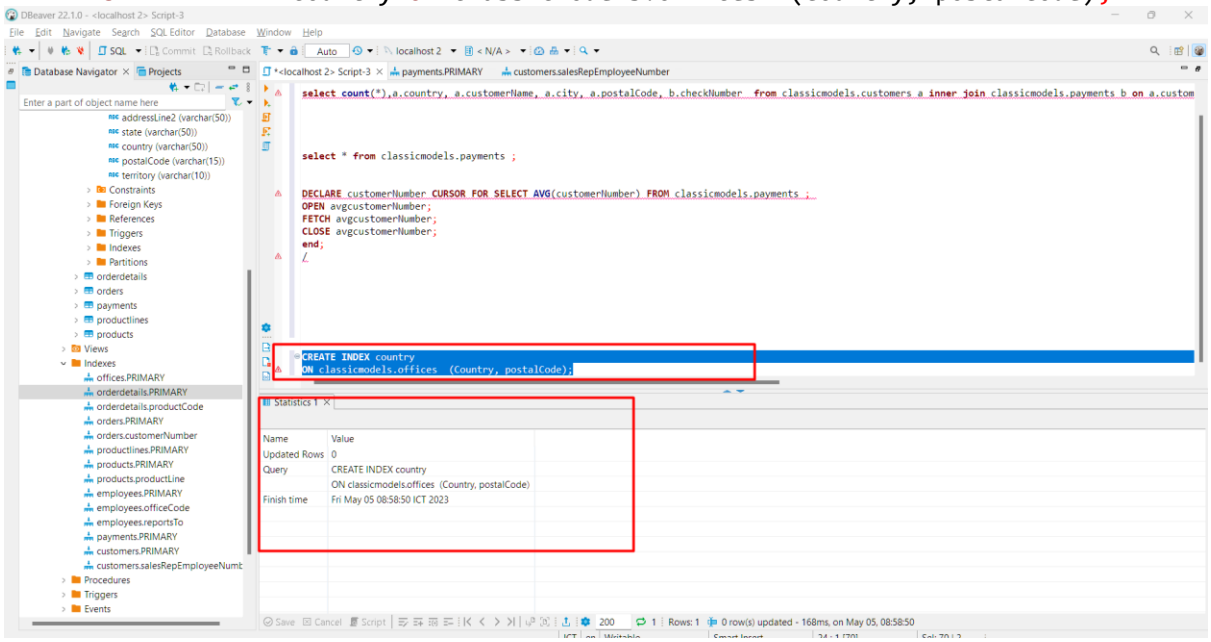
```
select count(a.country)  from classicmodels.customers a inner join
classicmodels.payments b on a.customerNumber  = b.customerNumber;
```



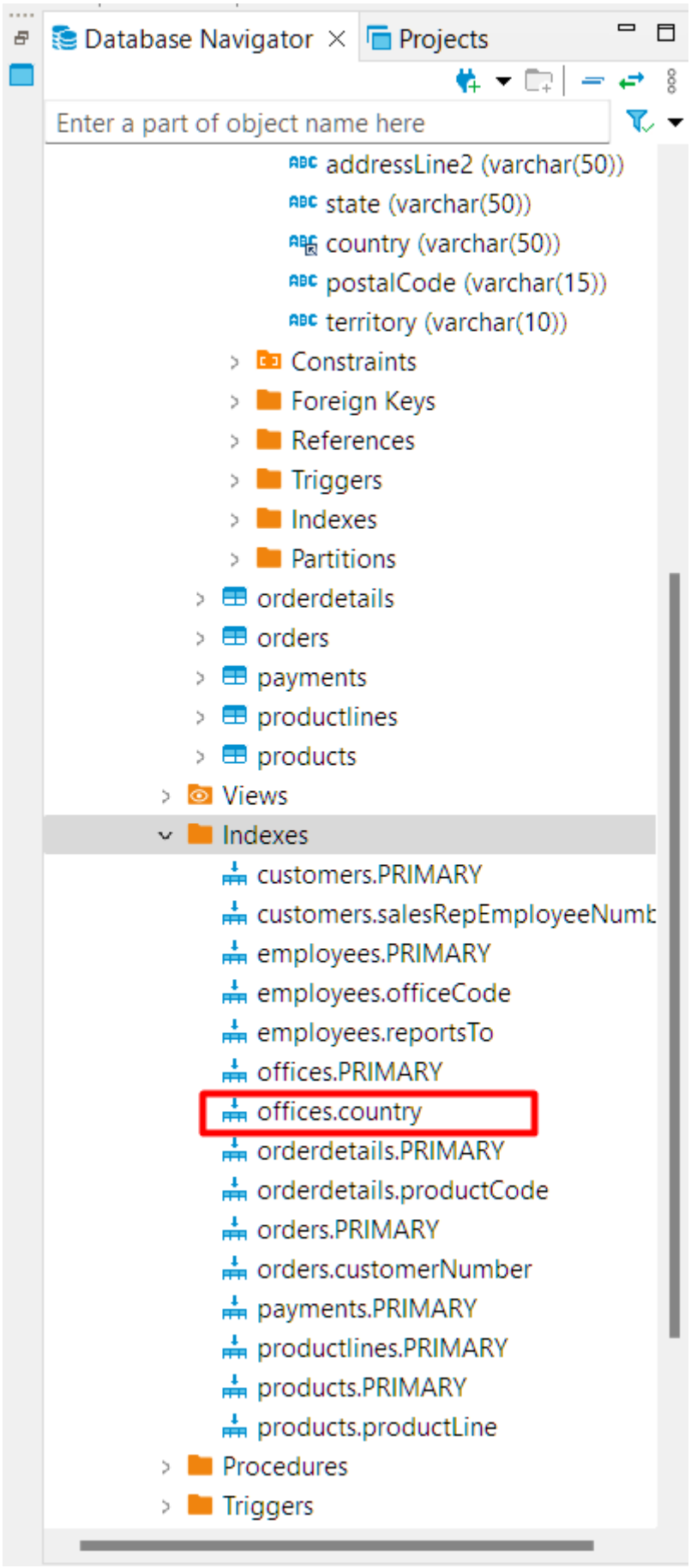
Querry 11 count data

Querry 7(Index)

```
CREATE INDEX country ON classicmodels.offices  (Country, postalCode);
```



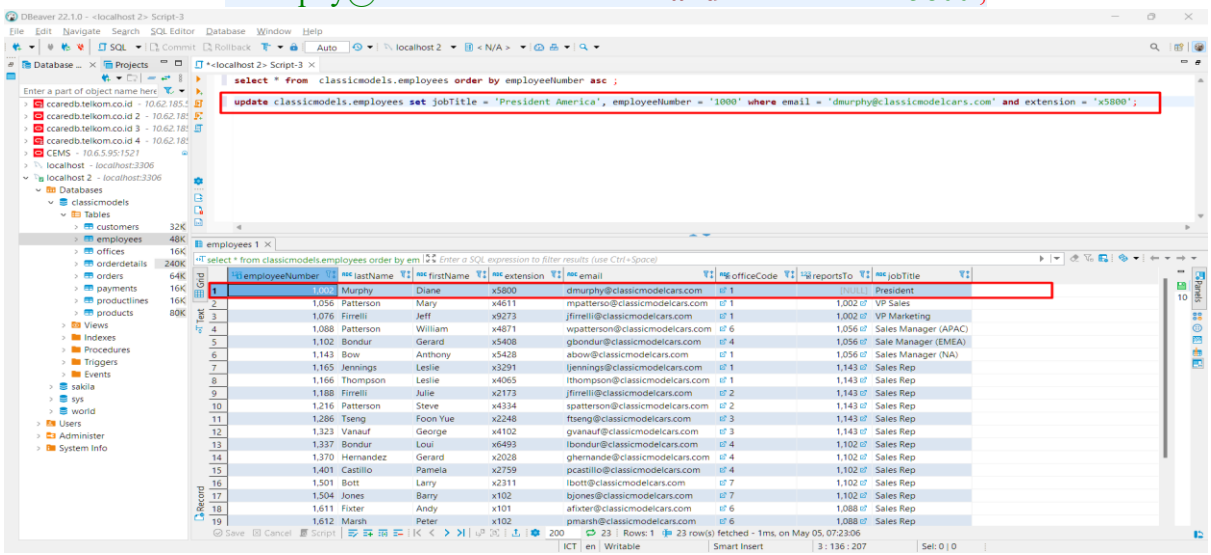
Gambar 12


Database Navigator
Projects
Enter a part of object name here
addressLine2 (varchar(50))
state (varchar(50))
country (varchar(50))
postalCode (varchar(15))
territory (varchar(10))
Constraints
Foreign Keys
References
Triggers
Indexes
Partitions
orderdetails
orders
payments
productlines
products
Views
Indexes
customers.PRIMARY
customers.salesRepEmployeeNumb
employees.PRIMARY
employees.officeCode
employees.reportsTo
offices.PRIMARY
offices.country
orderdetails.PRIMARY
orderdetails.productCode
orders.PRIMARY
orders.customerNumber
payments.PRIMARY
productlines.PRIMARY
products.PRIMARY
products.productLine
Procedures
Triggers

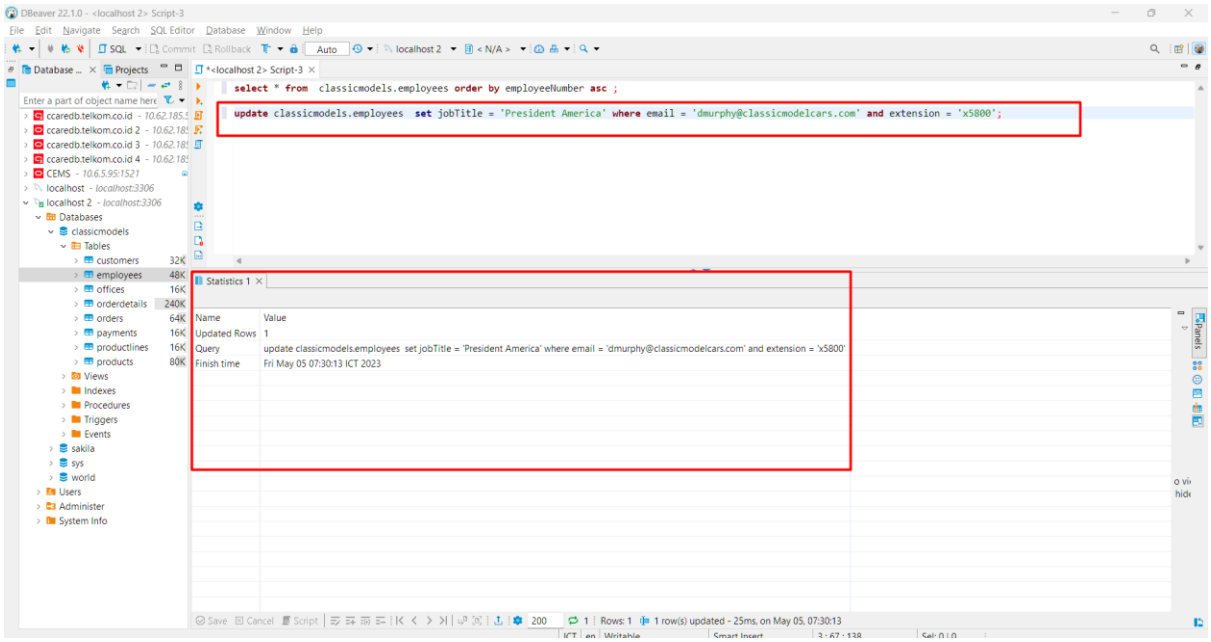
Gambar 13

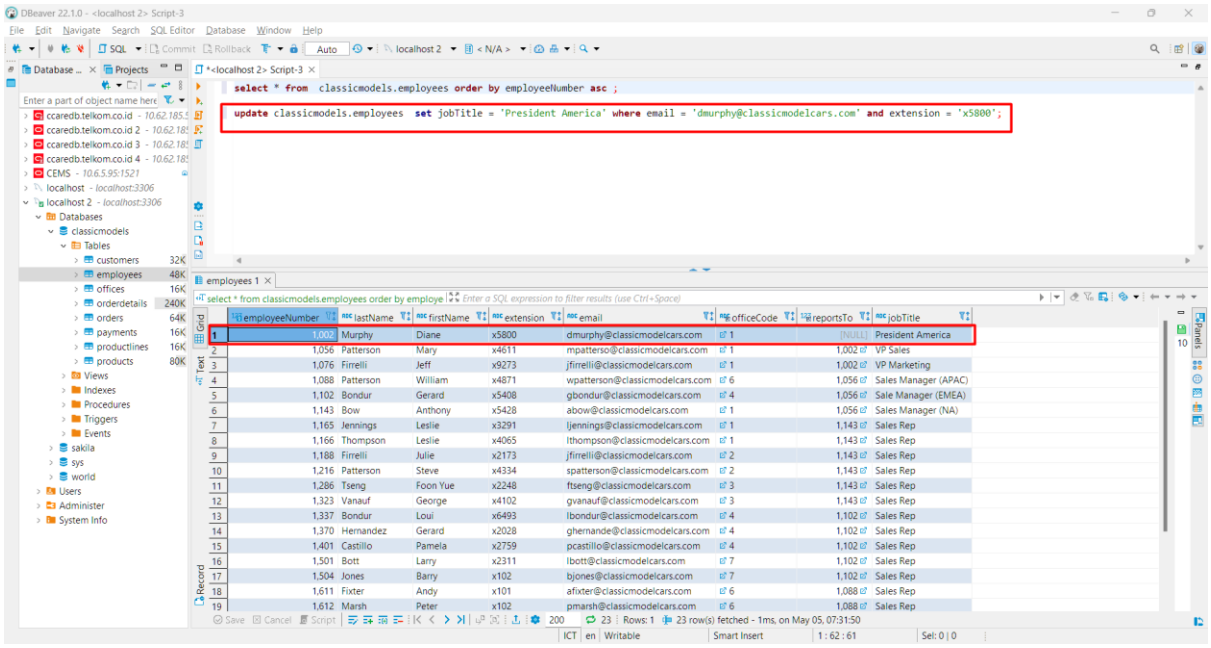
***Querry Update :**

```
update classicmodels.employees  set jobTitle = 'President America' where email =
'dmurphy@classicmodelcars.com' and extension = 'x5800';
```

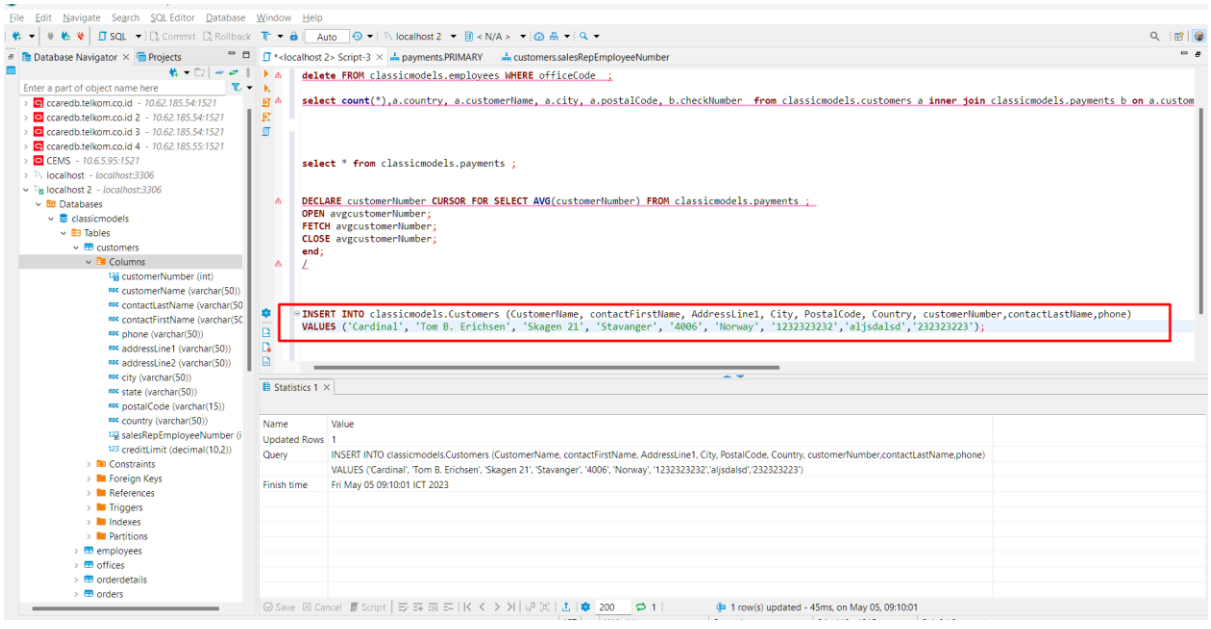


Gambar 2 data yang belum di update





Gambar 3 setelah update

Querry Tambahan (Insert)

```
INSERT INTO classicmodels.Customers (CustomerName, contactFirstName, AddressLine1,
        City, PostalCode, Country, customerNumber,contactLastName,phone)
VALUES ('Cardinal', 'Tom B. Erichsen', 'Skagen 21', 'Stavanger', '4006', 'Norway',
                '1232323232','aljsdalsd','232323223');
```