SQL QUERY STATEMENTS

1-Insert

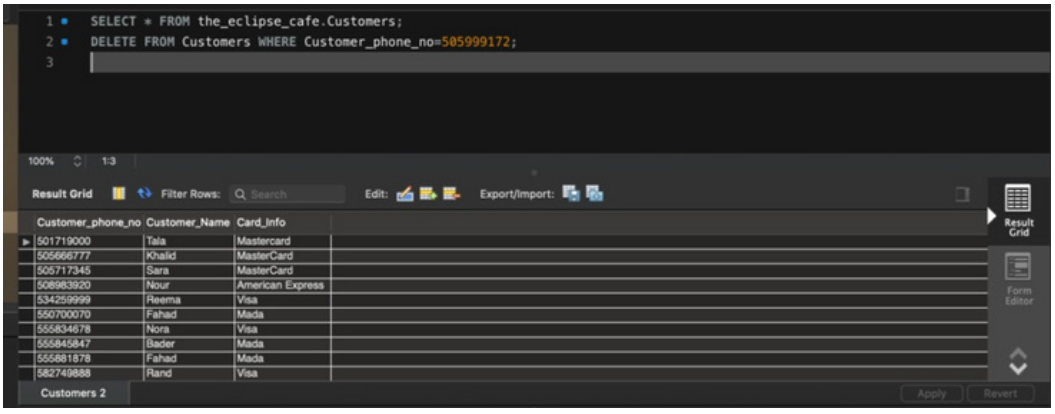
```
4 •  INSERT INTO CUSTOMERS VALUES (505999172,'Fahad','Visa');
```

100% 42:1

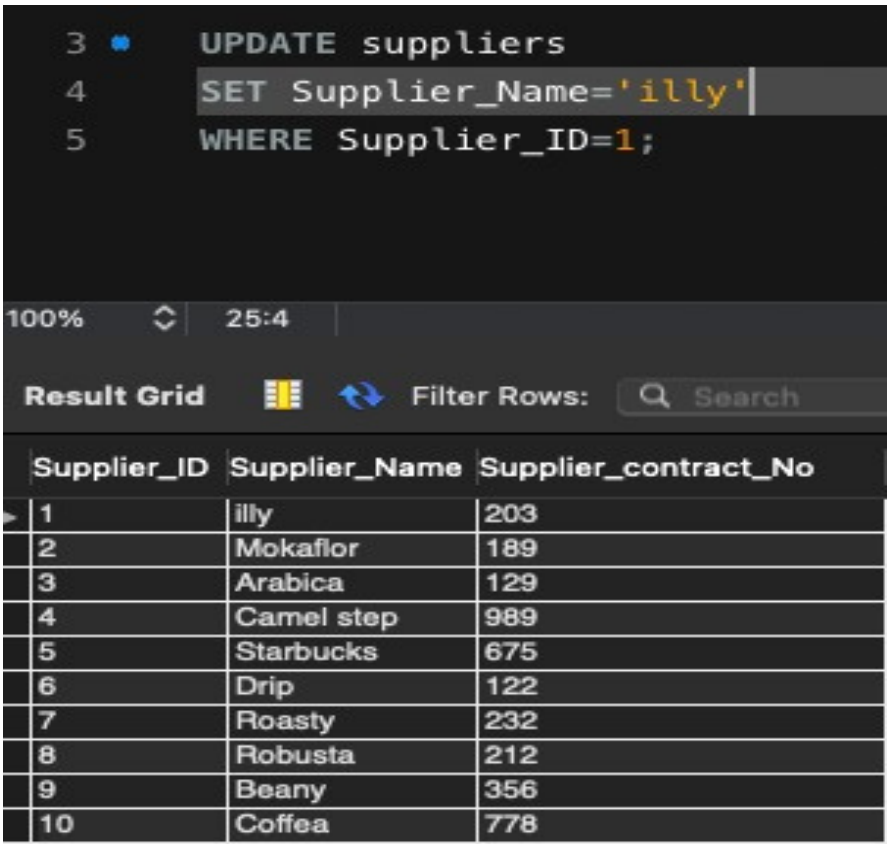
Result Grid | Filter Rows: Search | Edit: | Export/Import:

Customer_phone_no	Customer_Name	Card_Info
504573824	Sara	MasterCard
505617368	Nour	American Express
505717129	Nora	Visa
505999172	Fahad	Visa
555777666	Bader	Mada
555837592	Reema	Visa
555847845	Tala	Mastercard
555877887	Fahad	Mada
556635288	Fahad	Mada
582749888	Rand	Visa
585559321	Khalid	MasterCard
NULL	NULL	NULL

2-Delete

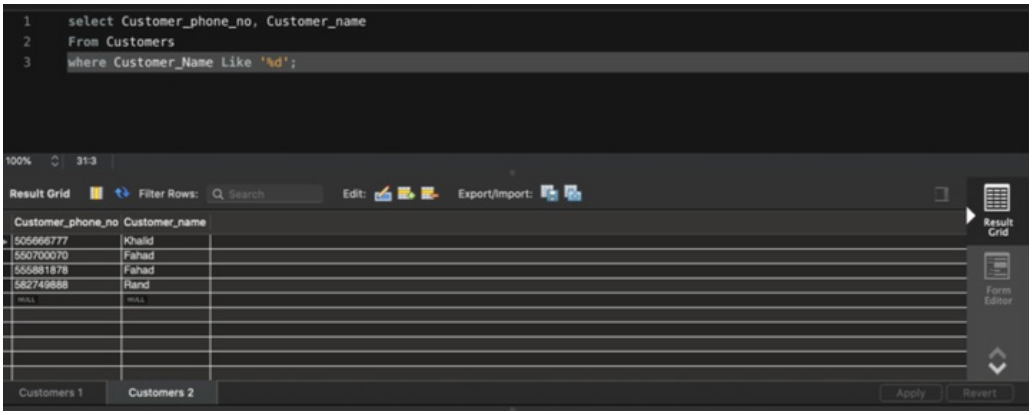


3-Update

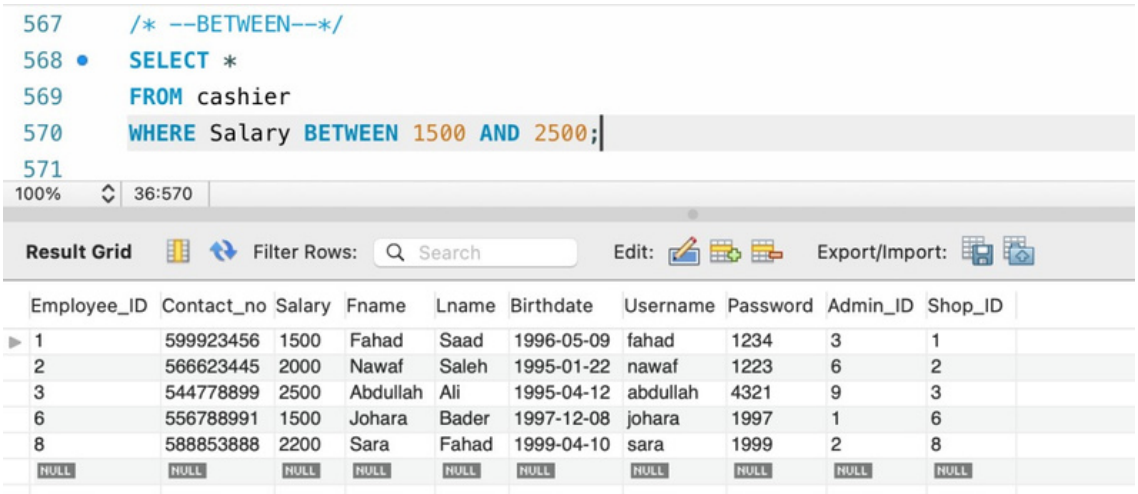


Supplier_ID	Supplier_Name	Supplier_contract_No
1	illy	203
2	Mokaflor	189
3	Arabica	129
4	Camel step	989
5	Starbucks	675
6	Drip	122
7	Roasty	232
8	Robusta	212
9	Beany	356
10	Coffea	778

4- Like / NOT Like



5- Between



Employee_ID	Contact_no	Salary	Fname	Lname	Birthdate	Username	Password	Admin_ID	Shop_ID
1	599923456	1500	Fahad	Saad	1996-05-09	fahad	1234	3	1
2	566623445	2000	Nawaf	Saleh	1995-01-22	nawaf	1223	6	2
3	544778899	2500	Abdullah	Ali	1995-04-12	abdullah	4321	9	3
6	556788991	1500	Johara	Bader	1997-12-08	johara	1997	1	6
8	588853888	2200	Sara	Fahad	1999-04-10	sara	1999	2	8
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

6- IN

```
573    /* --IN--*/
574 •  SELECT *
575    FROM cashier_address
576    WHERE Cashier_address IN ('Jeddah','Jubail','Riyadh');
577
```

100% 1:577

Result Grid | Filter Rows: Search | Edit: | Export/Import:

Employee_ID	Cashier_ad...
2	Jeddah
9	Jeddah
3	Jubail
10	Jubail
5	Riyadh
8	Riyadh
NULL	NULL

7- Order By

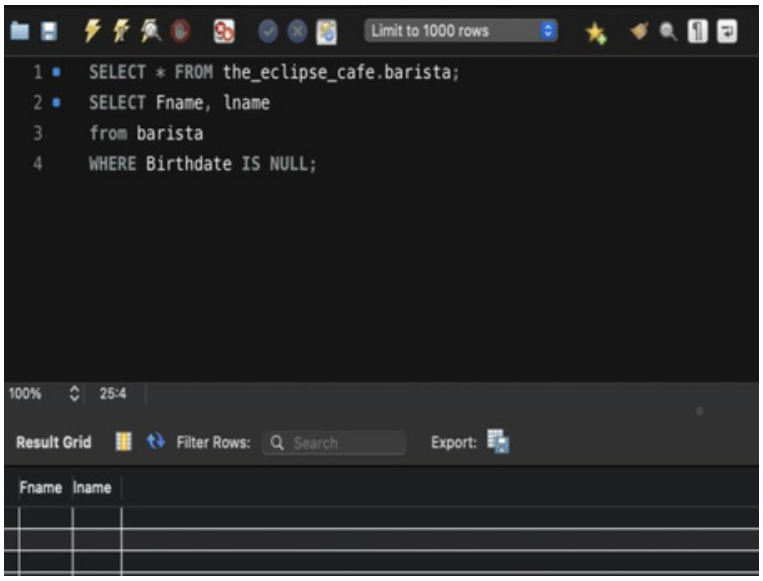
```
3 •  SELECT *
4    FROM barista
5    ORDER BY fname ASC;
```

00% 20:5

Result Grid | Filter Rows: Search | Edit: | Expo

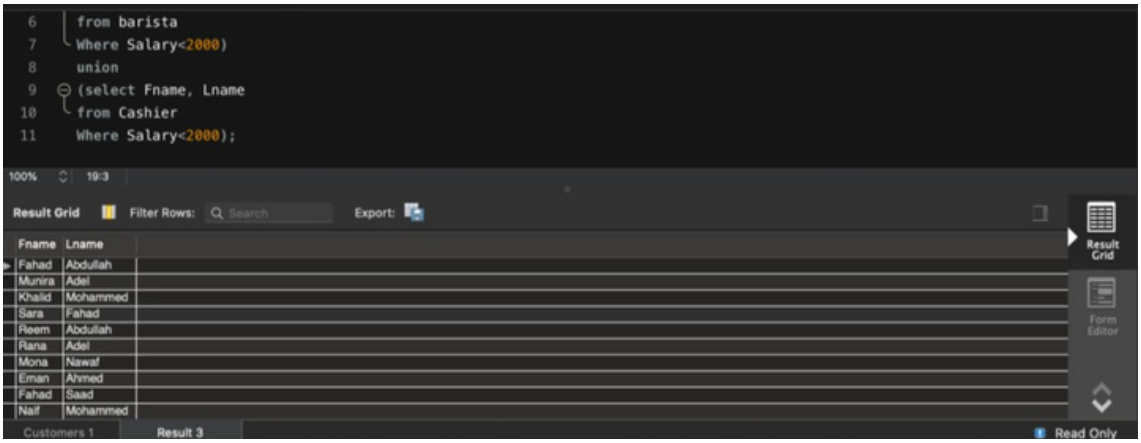
Employee_ID	Contact_no	Salary	Fname	Lname	Birthdate	Admin_ID	Shop_ID
3	511123344	3500	Abdullah	Saad	1997-03-23	9	3
2	555677889	3000	Ali	Mohammed	1992-03-12	6	2
10	588855888	3000	Bader	Abdullah	1990-06-22	7	10
9	566618862	1350	Eman	Ahmed	1992-05-08	10	9
6	577663221	4000	Jude	Saleh	1992-05-22	1	6
1	556788987	4000	Khalid	Abdullah	1995-09-08	3	1
8	598812295	2200	Maha	Khalid	1999-02-19	2	8
5	599811265	2500	Sadeem	Abdullah	1999-12-25	8	5
4	534556112	2000	Saud	Fahad	1995-05-05	4	4
7	533357055	3500	Sulaiman	Issa	1994-08-03	5	7
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

8- Is Null


Limit to 1000 rows
1 SELECT * FROM the_eclipse_cafe.barista;
2 SELECT Fname, lname
3 from barista
4 WHERE Birthdate IS NULL;
100%
25:4
Result Grid
Filter Rows:
Search
Export:
Fname
lname

9- Intersect-Except-Union

```
(select Fname, Lname
from admin
Where Salary<3000)
union
(select Fname, Lname
from barista
Where Salary<2000)
union
(select Fname, Lname
from Cashier
Where Salary<2000);
```



10- Group By & Having

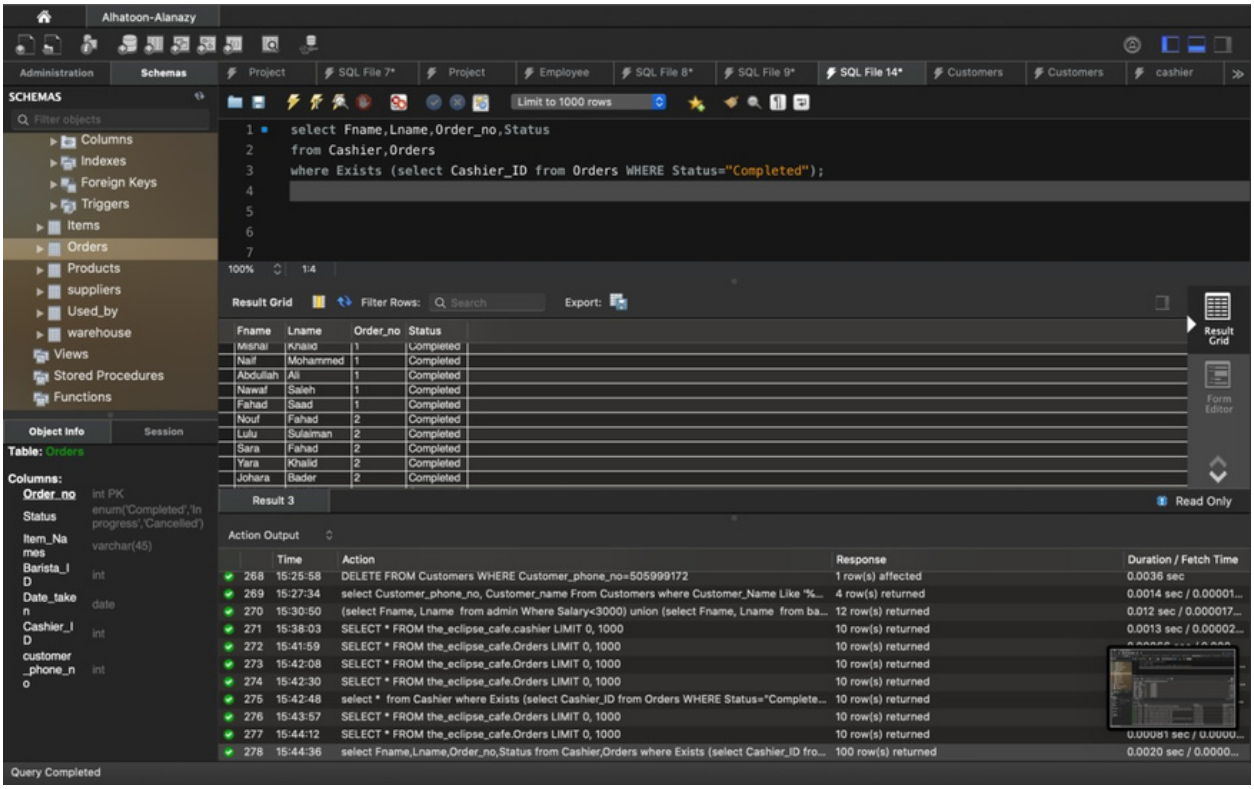
```
580 •   SELECT Fname,LName
581     FROM barista
582     GROUP BY FName,LName
583     HAVING FName> 'L' ORDER BY FName;
584
```

100% 1:579

Result Grid Filter Rows: Search Export:

Fname	LName
Maha	Khalid
Sadeem	Abdullah
Saud	Fahad
Sulaiman	Issa

11- Exists



12- comparison queries (ALL/ANY)

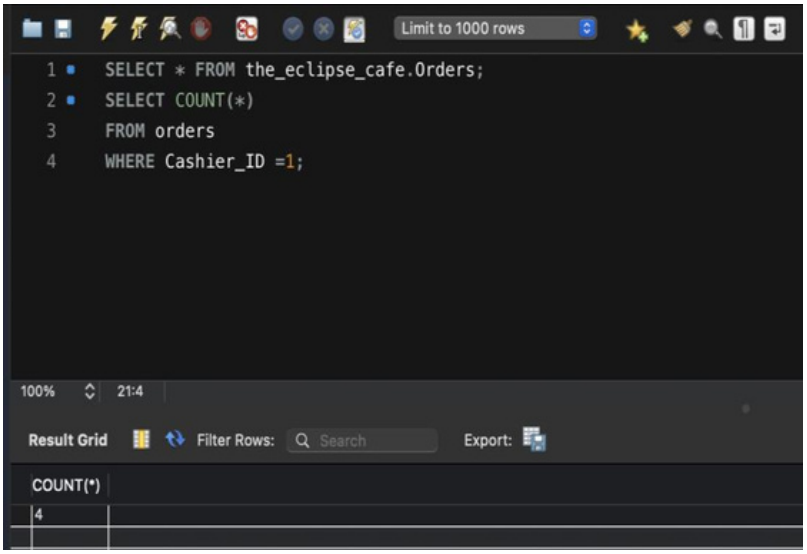
```
586    /* --ALL/ANY--*/
587 •  SELECT barista.Fname,barista.LName
588    FROM barista
589    WHERE barista.Salary >ALL ( SELECT cashier.Salary From cashier );
590
```

100% 1:585

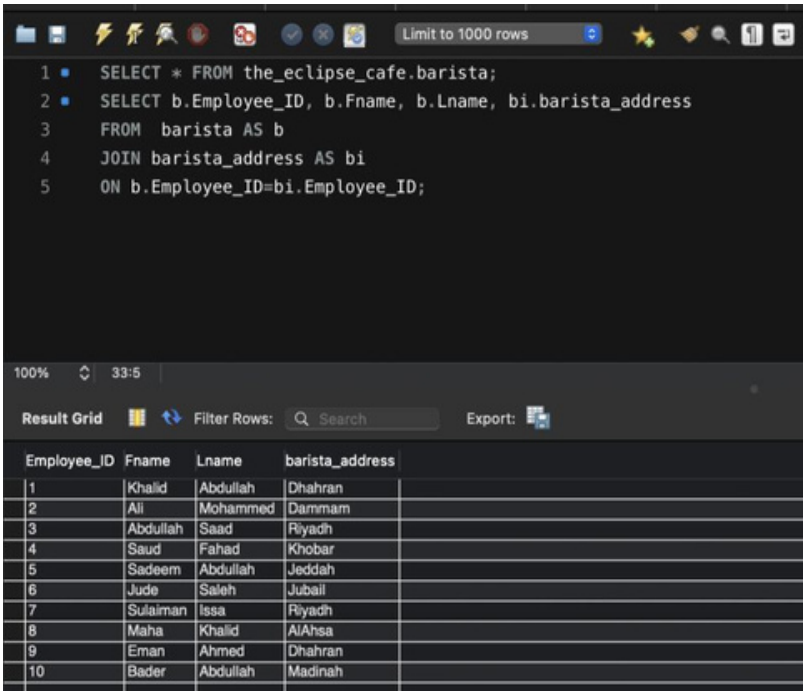
Result Grid Filter Rows: Search Export:

Fname	LName
Khalid	Abdullah
Abdullah	Saad
Jude	Saleh
Sulaiman	Issa

13- Aggregation



14- Join + nested Query.

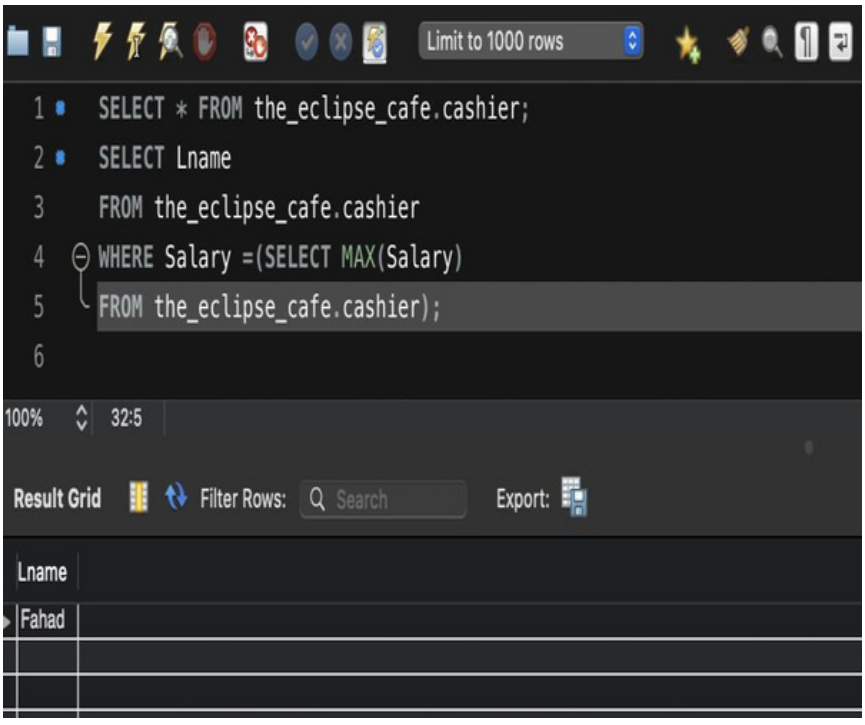


```
SELECT * FROM the_eclipse_cafe.barista;
SELECT b.Employee_ID, b.Fname, b.Lname, bi.barista_address
FROM  barista AS b
JOIN barista_address AS bi
ON b.Employee_ID=bi.Employee_ID;
```

100% 33:5

Result Grid Filter Rows: Search Export:

Employee_ID	Fname	Lname	barista_address
1	Khalid	Abdullah	Dhahran
2	Ali	Mohammed	Dammam
3	Abdullah	Saad	Riyadh
4	Saud	Fahad	Khobar
5	Sadeem	Abdullah	Jeddah
6	Jude	Saleh	Jubail
7	Sulaiman	Issa	Riyadh
8	Maha	Khalid	AlAhsa
9	Eman	Ahmed	Dhahran
10	Bader	Abdullah	Madinah



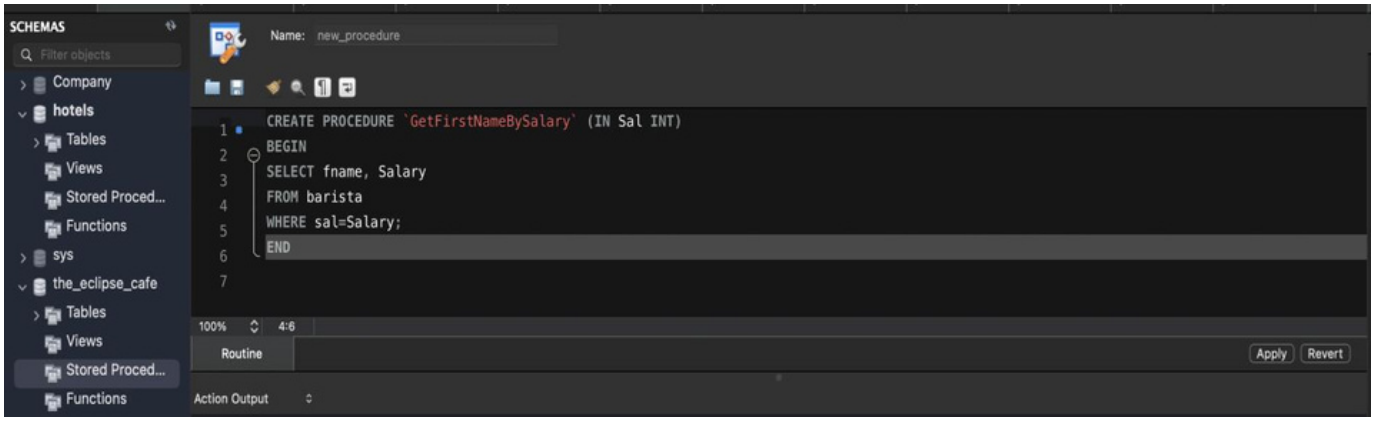
```
SELECT * FROM the_eclipse_cafe.cashier;
SELECT Lname
FROM the_eclipse_cafe.cashier
WHERE Salary =(SELECT MAX(Salary)
FROM the_eclipse_cafe.cashier);
```

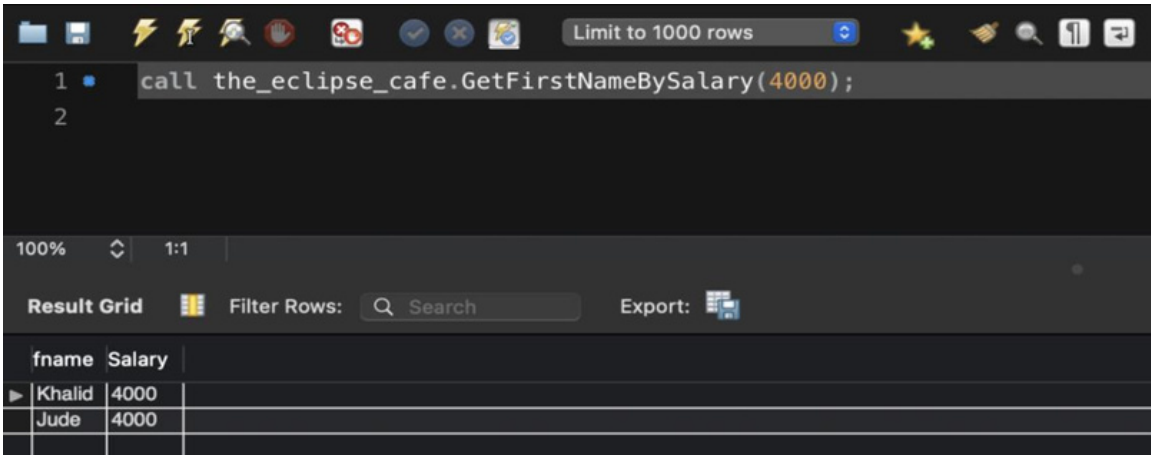
100% 32:5

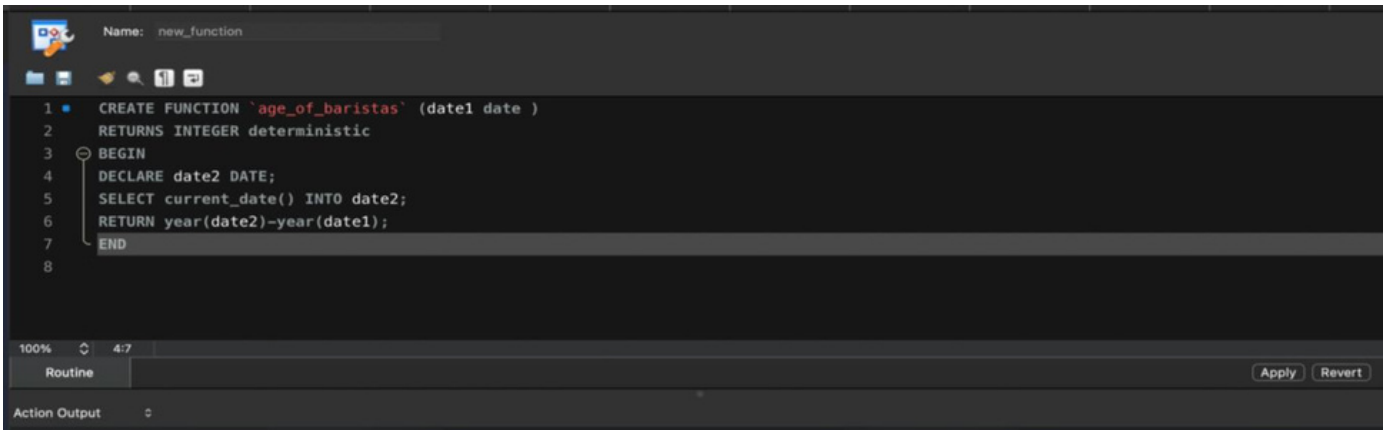
Result Grid Filter Rows: Search Export:

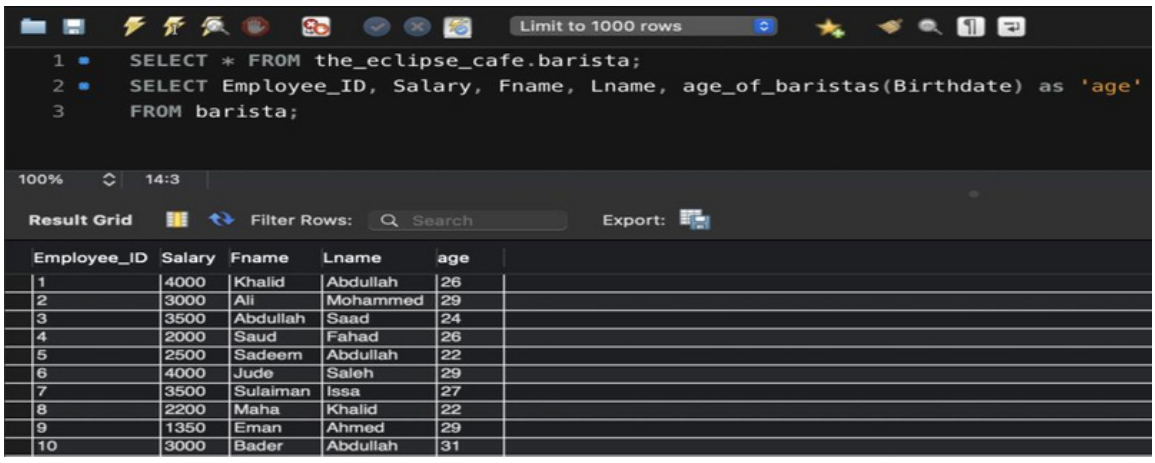
Lname
Fahad

15- Function and Stored Procedure









16- Trigger

```
3    delimiter //
4    create trigger Product_quantity
5    before insert on Products
6    for each row
7    begin
8    if new.Product_price>5 then
9    set new.Product_quantity=20;
10   end if;
11   end //
```

100% 7:11

Result Grid Filter Rows: Search Edit: Export/Import:

Product_ID	Product_name	Product_quantity	Product_price	Product_availabili...	Supplier_ID
1	Coffee	1000	5	available	1
2	Cups	500	3.5	available	2
3	Syrup	25	4.5	available	3
4	Tea	200	5	available	4
5	Sugar	400	2.5	available	5
6	masks	250	2	available	6
7	gloves	500	2	available	7
8	Tissue	1000	0.25	available	8
9	soap	50	3	available	9
10	sweets	45	5	not available	10
NULL	NULL	NULL	NULL	NULL	NULL

We add a product and its price 6

```
3  insert into Products values('11','milk', '50', '6', 'available','11');
4  Select *
5  from Products
6  where Product_price>4;
```

00% 23:6

Result Grid Filter Rows: Search Edit: Export/Import:

Product_ID	Product_name	Product_quantity	Product_price	Product_availabili...	Supplier_ID
1	Coffee	1000	5	available	1
3	Syrup	25	4.5	available	3
4	Tea	200	5	available	4
10	sweets	45	5	not available	10
11	milk	20	6	available	11
NULL	NULL	NULL	NULL	NULL	NULL

17- View

```
3 *   create view max_price
4     as
5     select Item_name, Availability
6     from Items
7     where Item_Price>250
```

item_name	availability
beans	available
milk	available
syrup	not available
tea	available