Implementation in MySQL

Group 16

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Percentage of Effort Contributed by Student 1: 50%

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Some of the SQL Queries

Query 1 : Selecting those product no and name with seller name which were delivered by courier

```
1       /*Query1 : Selecting those product no and name with seller name which were delivered bu courier */
2 •     SELECT P.ProdNo, P.ProdName, U.FirstName, U.LastName
3       FROM Product P, user U
4       WHERE OrderID IN (
5               SELECT COrderNo
6               FROM Courier);
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA | Fetch rows:

ProdNo	ProdName	FirstName	LastName
87	Diningtable	Melisande	Tesauro
55	Book	Melisande	Tesauro
21	Waterfilter	Melisande	Tesauro
112	Diningtable	Melisande	Tesauro
9	Book	Melisande	Tesauro
100	Light	Melisande	Tesauro
2	Bag	Melisande	Tesauro
4	Chair	Melisande	Tesauro
96	TV	Melisande	Tesauro

Query 2 : User's name who are both buyer and seller
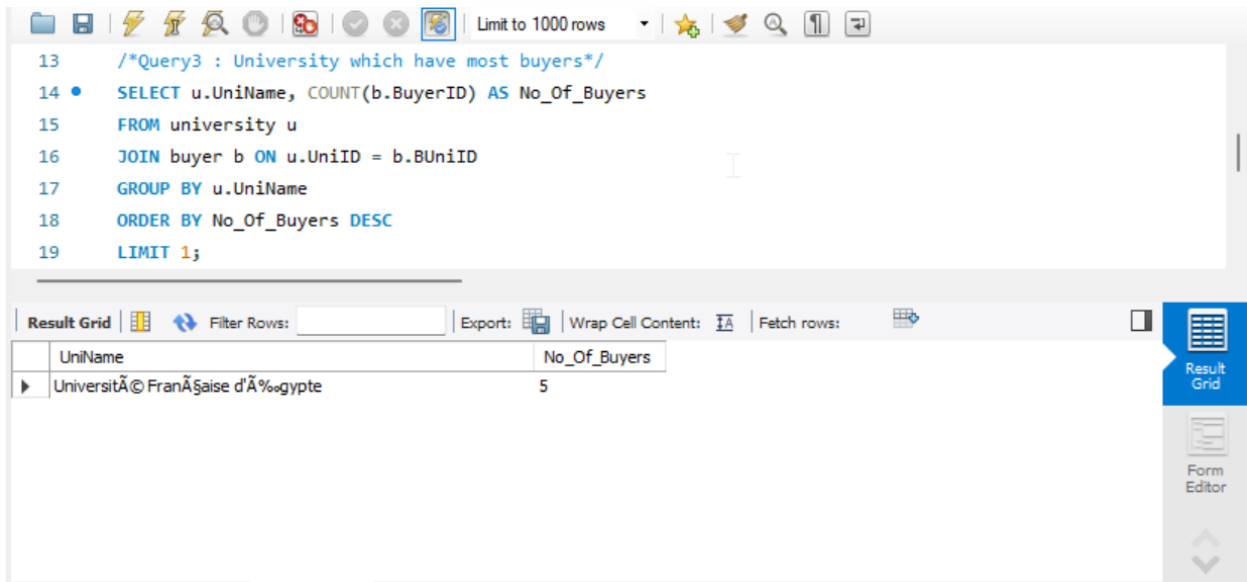
```
7
8       /*Query2 : User's name who are both buyer and seller*/
9 •     SELECT FirstName, LastName
10      FROM user
11      WHERE UserID in (SELECT SellerID FROM seller) AND UserID in (SELECT BuyerID FROM buyer);
12
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

FirstName	LastName
Bernie	Nolda
Alma	Huguet
Gayle	Caramuscia
Tami	Yemm
Sollie	Lorain
Abbe	Bette
Tierney	Airton
Tamarra	Torre
Titos	Hatherleigh

Query 3 : University which have most buyers
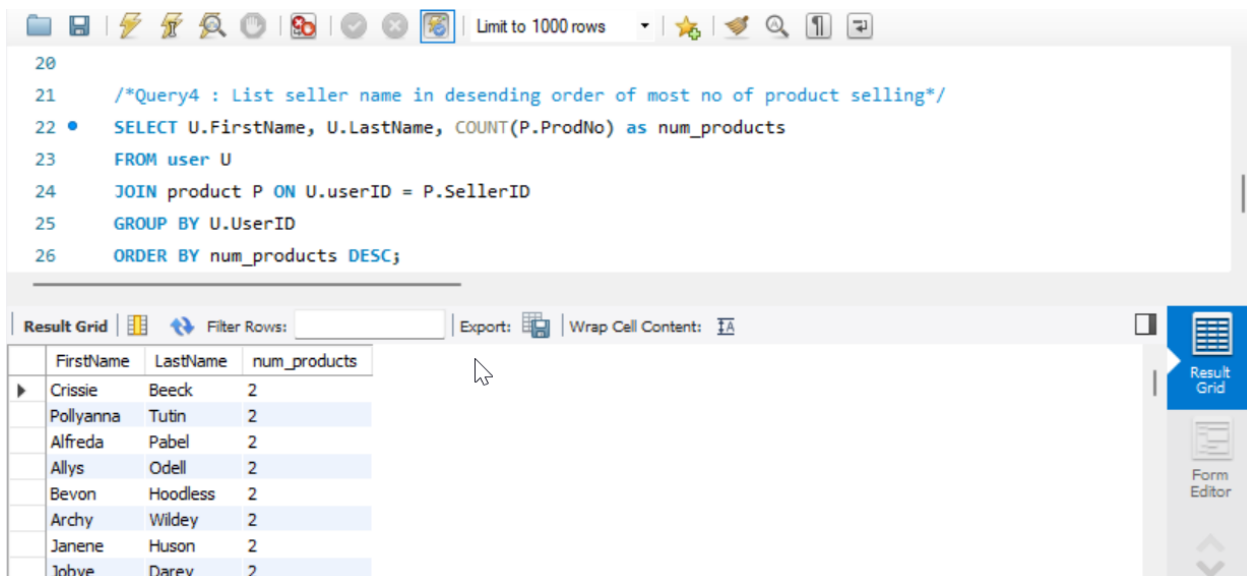
```
13        /*Query3 : University which have most buyers*/
14 •      SELECT u.UniName, COUNT(b.BuyerID) AS No_Of_Buyers
15        FROM university u
16        JOIN buyer b ON u.UniID = b.BUniID
17        GROUP BY u.UniName
18        ORDER BY No_Of_Buyers DESC
19        LIMIT 1;
```

UniName	No_Of_Buyers
UniversitÃ© FranÃ§aise d'Ã‰gypte	5

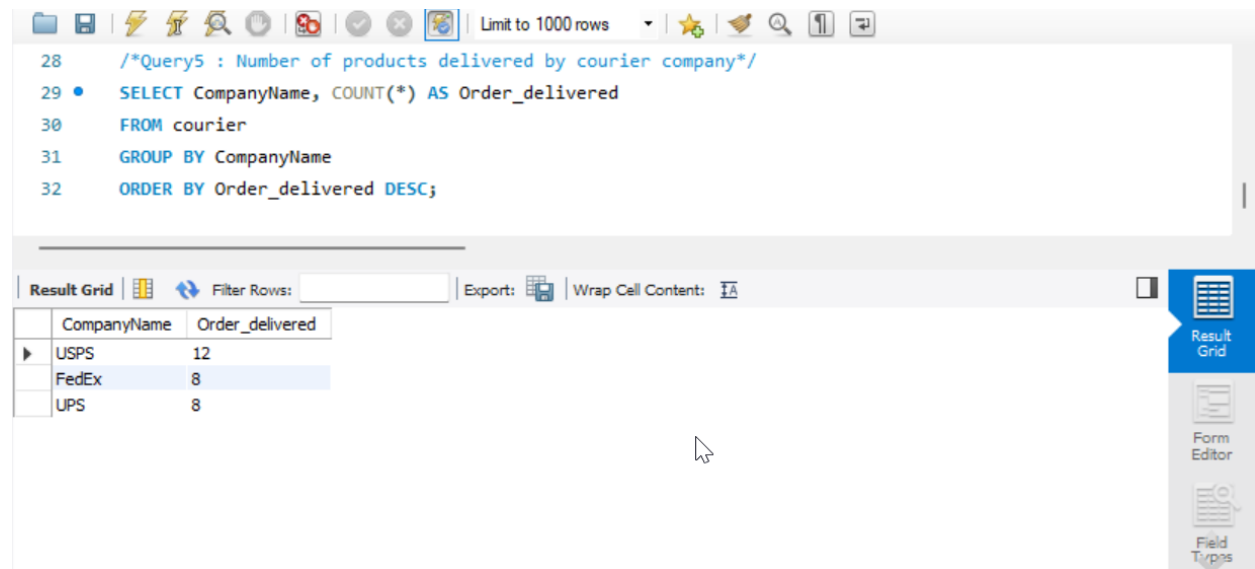## Query 4 : List seller name in descending order of most no of product selling

```
20
21        /*Query4 : List seller name in desending order of most no of product selling*/
22 •      SELECT U.FirstName, U.LastName, COUNT(P.ProdNo) as num_products
23        FROM user U
24        JOIN product P ON U.userID = P.SellerID
25        GROUP BY U.UserID
26        ORDER BY num_products DESC;
```

FirstName	LastName	num_products
Crissie	Beeck	2
Pollyanna	Tutin	2
Alfreda	Pabel	2
Allys	Odell	2
Bevon	Hoodless	2
Archy	Wildey	2
Janene	Huson	2
Jobye	Darey	2

Query 5 : Number of products delivered by courier company

```
28      /*Query5 : Number of products delivered by courier company*/
29  •   SELECT CompanyName, COUNT(*) AS Order_delivered
30      FROM courier
31      GROUP BY CompanyName
32      ORDER BY Order_delivered DESC;
```

CompanyName	Order_delivered
USPS	12
FedEx	8
UPS	8