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Cloud labs_24NAG2030_Wip... x 24NAG2030_U21 x Untitled document - Google D... x +
cloud4.rpsconsulting.in/console/#/client/MTI4AGMABXlzcWw=
Aug 7 19:31
root@rps-Ubuntu: ~
mysql>
mysql>
mysql>
mysql> -- Assignment No 03
mysql> SELECT * FROM Orders;
+-----+-----+-----+-----+-----+-----+
| OrderID | CustomerID | EmployeeID | OrderDate | ShippingID | OrderValue |
+-----+-----+-----+-----+-----+-----+
| 1 | 1 | 1 | 2024-01-15 | 1 | 1000.00 |
| 2 | 2 | 2 | 2024-02-20 | 2 | 1500.00 |
| 3 | 3 | 3 | 2024-03-10 | 3 | 1200.00 |
| 4 | 4 | 4 | 2024-04-05 | 4 | 1700.00 |
| 5 | 5 | 5 | 2024-05-18 | 5 | 1100.00 |
| 6 | 6 | 6 | 2024-06-22 | 6 | 1400.00 |
| 7 | 7 | 7 | 2024-07-30 | 7 | 1600.00 |
| 8 | 1 | 8 | 2024-08-15 | 8 | 1300.00 |
| 9 | 2 | 9 | 2024-09-10 | 9 | 1250.00 |
| 10 | 3 | 1 | 2024-10-25 | 10 | 1350.00 |
+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

mysql> -- Subquery to find Customer placed order above avg value
mysql>
mysql> -- the average value is
mysql> SELECT AVG(OrderValue) AS AVG_Order_Value FROM Orders;
+-----+
| AVG_Order_Value |
+-----+
| 1340.000000 |
+-----+
1 row in set (0.00 sec)

mysql> SELECT c.CustomerID, c.Customer Name, o.OrderValue FROM Customers c JOIN Orders o ON c.CustomerID=o.CustomerID WH
```

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| 1340.000000 |
+-----+
1 row in set (0.00 sec)

mysql> SELECT c.CustomerID, c.Customer_Name, o.OrderValue FROM Customers c JOIN Orders o ON c.CustomerID=o.CustomerID WH
ERE o.OrderValue > (SELECT AVG(OrderValue) FROM Orders);
+-----+
| CustomerID | Customer_Name | OrderValue |
+-----+
| 2 | Steve Smith | 1500.00 |
| 3 | Gautam Adani | 1350.00 |
| 4 | Sundar Pichai | 1700.00 |
| 6 | David Green | 1400.00 |
| 7 | M. S. Dhoni | 1600.00 |
+-----+
5 rows in set (0.00 sec)

mysql>
mysql> -- UNION Query to Combine two Select Statements
mysql>
mysql> SELECT CustomerID, Customer_Name, City FROM Customers WHERE City = 'Mumbai' UNION SELECT CustomerID, Customer_Nam
e, City FROM Customers WHERE City = 'New York';
+-----+
| CustomerID | Customer_Name | City |
+-----+
| 1 | Mukesh Ambani | Mumbai |
| 12 | Nita Ambani | Mumbai |
| 15 | Hritik Roshan | Mumbai |
| 17 | Anushka Sharma | Mumbai |
| 11 | Tom Cruise | New York |
| 13 | Emily Clark | New York |
| 16 | Sydney Sweeny | New York |
+-----+
```

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root@rps-Ubuntu: ~

```
mysql> SELECT c.CustomerID, c.Customer_Name, o.OrderValue FROM Customers c JOIN Orders o ON c.CustomerID=o.CustomerID WHERE o.OrderValue > (SELECT AVG(OrderValue) FROM Orders);
```

CustomerID	Customer_Name	OrderValue
2	Steve Smith	1500.00
3	Gautam Adani	1350.00
4	Sundar Pichai	1700.00
6	David Green	1400.00
7	M. S. Dhoni	1600.00

5 rows in set (0.00 sec)

```
mysql> -- UNION Query to Combine two Select Statements
mysql> SELECT CustomerID, Customer_Name, City FROM Customers WHERE City = 'Mumbai' UNION SELECT CustomerID, Customer_Name, City FROM Customers WHERE City = 'New York';
```

CustomerID	Customer_Name	City
1	Mukesh Ambani	Mumbai
12	Nita Ambani	Mumbai
15	Hritik Roshan	Mumbai
17	Anushka Sharma	Mumbai
11	Tom Cruise	New York
13	Emily Clark	New York
16	Sydney Sweeny	New York

7 rows in set (0.01 sec)

```
mysql>
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24°C Cloudy

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