

DBMS TASK 3

Dencymol Baby

Domain: **Online auction system for antique product**

1. List the Customers who have made the highest bid amount on December 2023

```
mysql> select customer.FName,auctionwinner.auctionID ,bid_transaction_log.amount,bid_transaction_log.DateTime
-> from customer
-> join auctionwinner on customer.customerID = auctionwinner.CustomerId
-> join bid_transaction_log on auctionwinner.bid_transaction_log_id=bid_transaction_log.bid_transaction_log_id
-> where year(bid_transaction_log.DateTime)=2023 and month(bid_transaction_log.DateTime)=12;
```

FName	auctionID	amount	DateTime
John	101	200.50	2023-12-15 10:30:00
Jane	102	50.25	2023-12-16 14:45:00

2 rows in set (0.00 sec)

Query:

```
select customer.FName,auctionwinner.auctionID ,bid_transaction_log.amount,
bid_transaction_log.DateTime

from customer

join auctionwinner on customer.customerID = auctionwinner.CustomerId

join bid_transaction_log on
auctionwinner.bid_transaction_log_id=bid_transaction_log.bid_transaction_log_id

where year(bid_transaction_log.DateTime)=2023 and month(bid_transaction_log.DateTime)=12;
```

2. List the Customers who gave a “Excellent” rating

```
mysql> select customer.FName,UserFeedbackMapping.userComment
-> from Feedback
-> join UserFeedbackMapping on Feedback.feedbackID=UserFeedbackMapping.FeedbackID
-> join user_bid_registration on UserFeedbackMapping.User_Bid_Registration_ID= user_bid_registration.id
-> join usercustomermapping on usercustomermapping.userID=user_bid_registration.userID
-> join customer on customer.customerID = usercustomermapping.customerID
-> WHERE Feedback.comment = 'Excellent';
+-----+-----+
| FName | userComment |
+-----+-----+
| John  | Excellent service! |
+-----+-----+
1 row in set (0.00 sec)
```

Query:

```
select customer.FName,UserFeedbackMapping.userComment

from Feedback

join UserFeedbackMapping on Feedback.feedbackID=UserFeedbackMapping.FeedbackID

join user_bid_registration on UserFeedbackMapping.User_Bid_Registration_ID=
user_bid_registration.id

join usercustomermapping on usercustomermapping.userID=user_bid_registration.userID

join customer on customer.customerID = usercustomermapping.customerID

WHERE Feedback.comment = 'Excellent';
```