**My Cafe**

Queries of Project

1. Inserting a new item into ItemTb1:

INSERT INTO ItemTb1 (ItemNum, ItemName, ItemCat, ItemPrice) VALUES (1, 'Item1', 'Category1', 100);

1. Inserting a new order into OrderTb1:

INSERT INTO OrderTb1 (OrderNum, OrderData, [User], OrderAmt) VALUES (1, '2023-01-01', 'User1', 150);

1. Inserting a new user into UserTb1:

INSERT INTO UserTb1 (Uname, Uphone, UPass) VALUES ('User1', '1234567890', 'password1');

1. Updating an item's price in ItemTb1:

UPDATE ItemTb1 SET ItemPrice = 120 WHERE ItemNum = 1;

1. Updating an order's data in OrderTb1:

UPDATE OrderTb1 SET OrderData = '2023-01-02' WHERE OrderNum = 1;

1. Updating a user's phone number in UserTb1:

UPDATE UserTb1 SET Uphone = '9876543210' WHERE Uname = 'User1';

1. Deleting an item from ItemTb1:

DELETE FROM ItemTb1 WHERE ItemNum = 1;

1. Deleting an order from OrderTb1:

DELETE FROM OrderTb1 WHERE OrderNum = 1;

1. Deleting a user from UserTb1:

DELETE FROM UserTb1 WHERE Uname = 'User1';

1. Selecting all items from ItemTb1:

SELECT \* FROM ItemTb1;

1. Selecting all orders from OrderTb1:

SELECT \* FROM OrderTb1;

1. Selecting all users from UserTb1:

SELECT \* FROM UserTb1;

1. Selecting items with a specific category from ItemTb1:

SELECT \* FROM ItemTb1 WHERE ItemCat = 'Category1';

1. Selecting orders placed by a specific user from OrderTb1:

SELECT \* FROM OrderTb1 WHERE [User] = 'User1';

1. Selecting a user by their name from UserTb1:

SELECT \* FROM UserTb1 WHERE Uname = 'User1';

1. Counting the number of items in ItemTb1:

SELECT COUNT(\*) FROM ItemTb1;

1. Counting the number of orders in OrderTb1:

SELECT COUNT(\*) FROM OrderTb1;

1. Counting the number of users in UserTb1:

SELECT COUNT(\*) FROM UserTb1;

1. Summing the total price of all items in ItemTb1:

SELECT SUM(ItemPrice) FROM ItemTb1;

1. Summing the total order amount in OrderTb1:

SELECT SUM(OrderAmt) FROM OrderTb1;

1. Finding the maximum item price in ItemTb1:

SELECT MAX(ItemPrice) FROM ItemTb1;

1. Finding the maximum order amount in OrderTb1:

SELECT MAX(OrderAmt) FROM OrderTb1;

1. Finding the minimum item price in ItemTb1:

SELECT MIN(ItemPrice) FROM ItemTb1;

1. Finding the minimum order amount in OrderTb1:

SELECT MIN(OrderAmt) FROM OrderTb1;

1. Calculating the average item price in ItemTb1:

SELECT AVG(ItemPrice) FROM ItemTb1;

1. Calculating the average order amount in OrderTb1:

SELECT AVG(OrderAmt) FROM OrderTb1;

1. Selecting items with a price greater than 100 from ItemTb1:

SELECT \* FROM ItemTb1 WHERE ItemPrice > 100;

1. Selecting orders with an amount greater than 100 from OrderTb1:

SELECT \* FROM OrderTb1 WHERE OrderAmt > 100;

1. Selecting users with a phone number starting with '123' from UserTb1:

SELECT \* FROM UserTb1 WHERE Uphone LIKE '123%';

1. Selecting orders placed on a specific date from OrderTb1:

SELECT \* FROM OrderTb1 WHERE OrderData = '2023-01-01';