

SCHOOL OF COMPUTING SESSION 2023/2024, SEMESTER 3 SECD2523 - DATABASE SECTION 10

SQL LAB 2 - DML1 PART2

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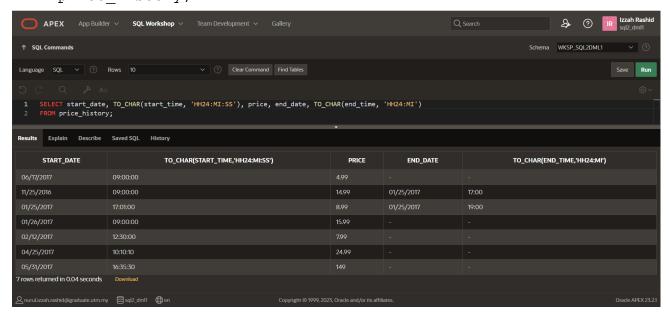
Section 6 Lesson 4 Exercise 2: Data Manipulation Language

Use DML operations to manage database tables (S6L4 Objective 2)

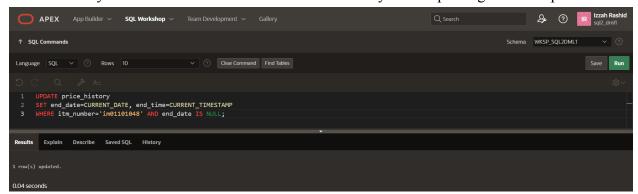
In this exercise you will populate and work with the data that is stored in the database system.

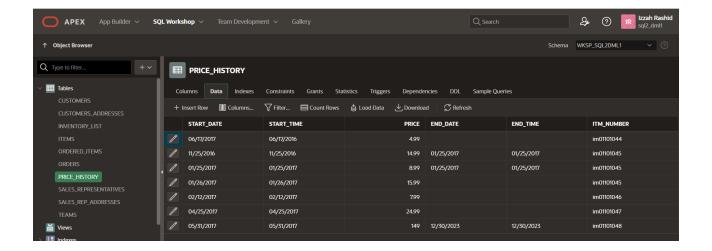
Part 1- Updating rows to the system

 Run the following query to view the content of the price_history table: SELECT start_date, TO_CHAR (start_time, 'HH24:MI:SS'), price, end_date, TO_CHAR (end_time, 'HH24:MI') FROM price history;

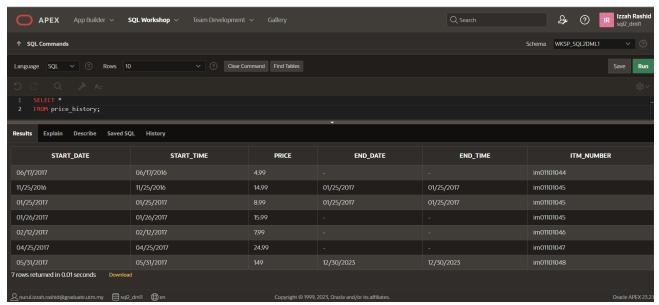


2. Obl is going to update the price of the premium bat so you will need to write a query that will close off the current price by adding the system date values to the end_date and end_time fields. To run this query you will need to both match the item number and identify that the end date is null. This ensures that you are updating the latest price.





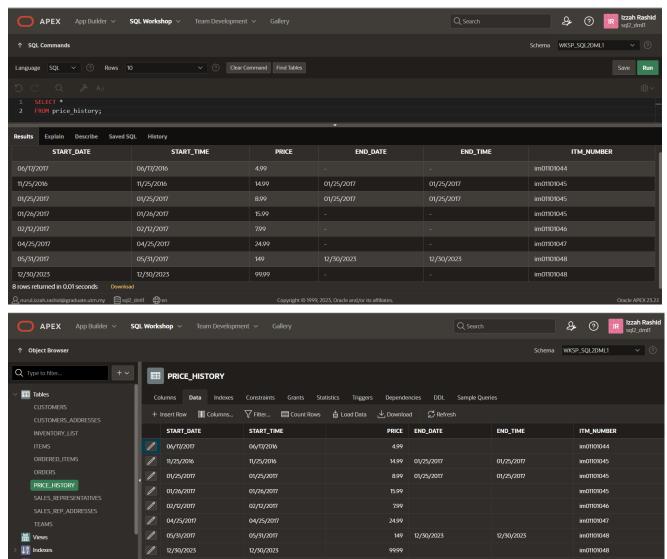
3. Rerun the select statement on the price_history table to ensure that the statement has been executed.



4. Insert a new row that will use the current date and time to set the new price of the premium bat to be 99.99.

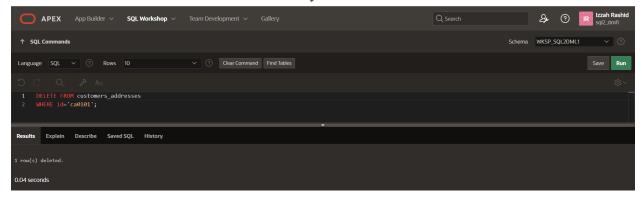


5. Rerun the select statement on the price_history table to ensure that the statement has been executed.



Part 2: Deleting rows from the system

1. Bob Thornberry has contacted Obl to ask that the 83 Barrhill Drive address be removed from the system as he can longer receive parcels at this address. Write a SQL statement that will remove this address from the system.



2. Run a select statement on the customers_addresses table to ensure that the statement has been executed.

