

SECD2523 SECTION 10

LECTURER: ROZILAWATI BINTI DOLLAH @ MD ZAIN

PROJECT TITLE: SQL LAB2 - DML 1 PART 2 (DDL)

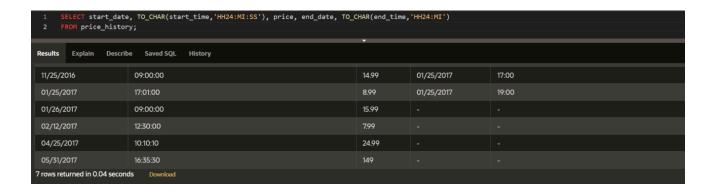
NAME	MATRIC NUMBER		
AMIRAH SYAZWANI BINTI SAPUAN	A22EC0139		

Part 1: Updating Rows to the System

1. Run the following query to view the content of the price history table.

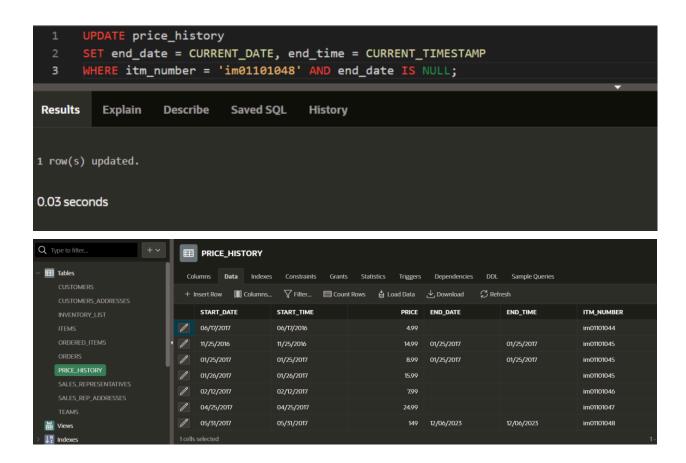
SELECT start_date, TO_CHAR(start_time,'HH24:MI:SS'), price, end_date, TO_CHAR(end_time,'HH24:MI')
FROM price history;

SELECT start_date, TO_CHAR(start_time, 'HH24:MI:SS'), price, end_date, TO_CHAR(end_time, 'HH24:MI') FROM price_history; Results									
START_DATE	TO_CHAR(START_TIME,'HH24:MI:SS')	PRICE	END_DATE	TO_CHAR(END_TIME,'HH24:MI')					
06/17/2017	09:00:00	4.99							
11/25/2016	09:00:00	14.99	01/25/2017	17:00					
01/25/2017	17:01:00	8.99	01/25/2017	19:00					
01/26/2017	09:00:00	15.99							
02/12/2017	12:30:00	7.99							
04/25/2017	10-10-10	2400							



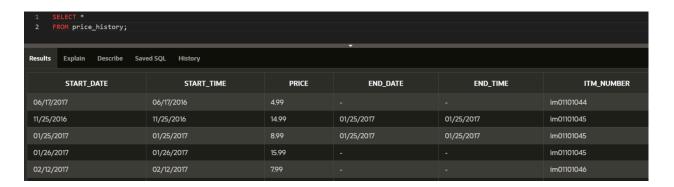
2. OBL is going to update the price of the premium bat so you will need to write a query that will close off the current price by adding the system date values to the end_date and end_time fields. To run this query you will need to both match the item number and identify that the end date is null. This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

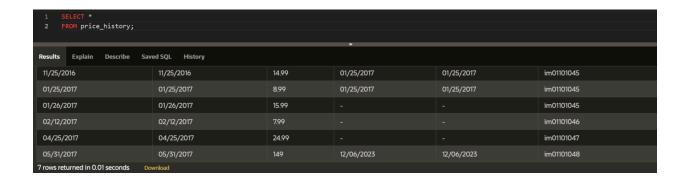
UPDATE price_history
SET end_date = CURRENT_DATE, end_time = CURRENT_TIMESTAMP WHERE itm number = 'im01101048' AND end date IS NULL;



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

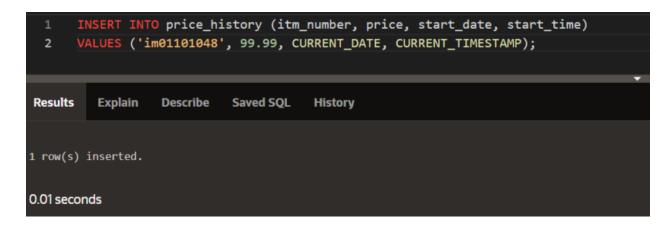
SELECT * FROM price_history;





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.

INSERT INTO price_history (itm_number, price, start_date, start_time) VALUE ('im01101048', 99.99, CURRENT_DATE, CURRENT_TIMESTAMP);

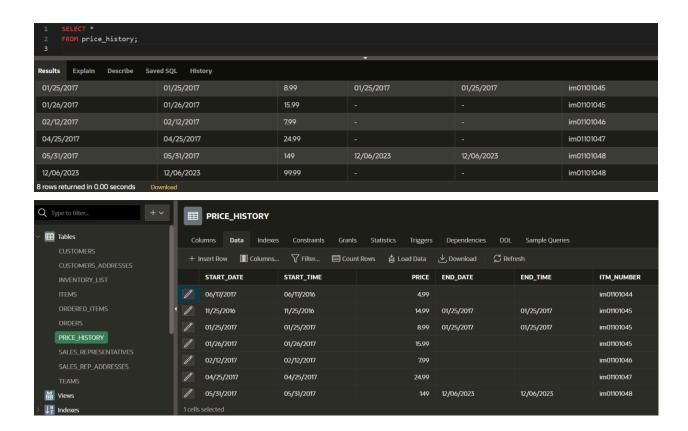


5. Return the select statement on the price_history table to ensure that the statement has been executed.

SELECT *

FROM price history;

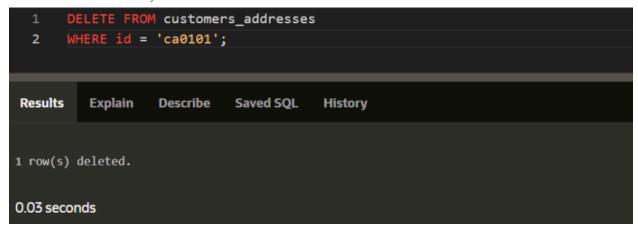
1 SELECT * 2 FROM price_history; 3 Results Explain Describe Saved SQL History									
START_DATE	START_TIME	PRICE	END_DATE	END_TIME	ITM_NUMBER				
06/17/2017	06/17/2016	4.99			im01101044				
11/25/2016	11/25/2016	14.99	01/25/2017	01/25/2017	im01101045				
01/25/2017	01/25/2017	8.99	01/25/2017	01/25/2017	im01101045				
01/26/2017	01/26/2017	15.99			im01101045				
02/12/2017	02/12/2017	7.99			im01101046				



Part 2: Deleting Rows from the System

1. Bob Thornberry has contacted obl to ask that the 83 Barhill 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.

DELETE FROM customers_addresses WHERE id = 'ca0101';



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

SELECT *

FROM customers_addresses;

