DATABASE SECTION – 03 LAB 2 SQL1-DML1 EXERCISE 1 & 2

NAME : MUHAMMAD HABIEL WAFI BIN ZAIRI

MATRICS NUM : B23CS0009

DATE : 10 NOVEMBER 2023

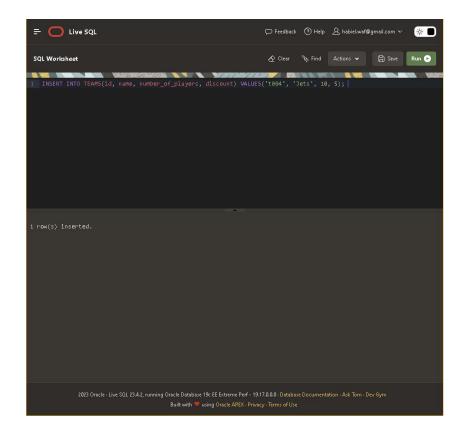
LECTURER : DR IZYAN IZZATI BINTI KAMSANI

EXERCISE 1

PART 1: Running a script to populate the tables

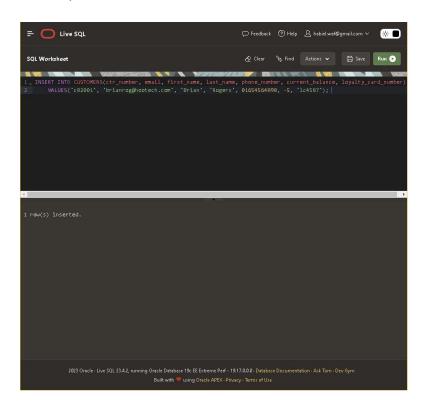
PART 2: Inserting rows to the system

1) INSERT INTO teams(id, name, number_of_players, discount) VALUES('t004', 'Jets', 10, 5);

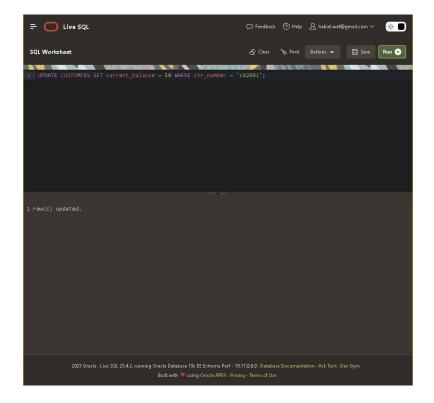


2) INSERT INTO CUSTOMERS(ctr_number, email, first_name, last_name, phone_number, current_balance, loyalty_card_number)

VALUES('c02001', 'brianrog@hootech.com', 'Brian', 'Rogers', 01654564898, -5, 'lc4587');



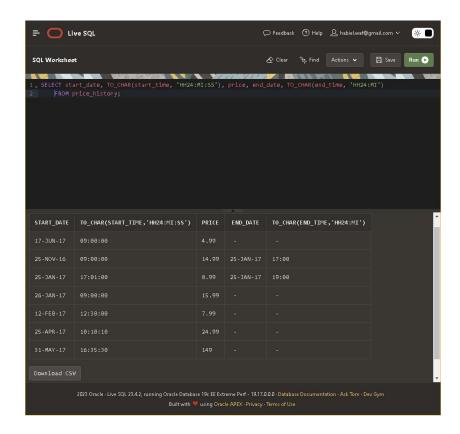
3) UPDATE CUSTOMERS SET current balance = 50 WHERE ctr number = 'c02001';



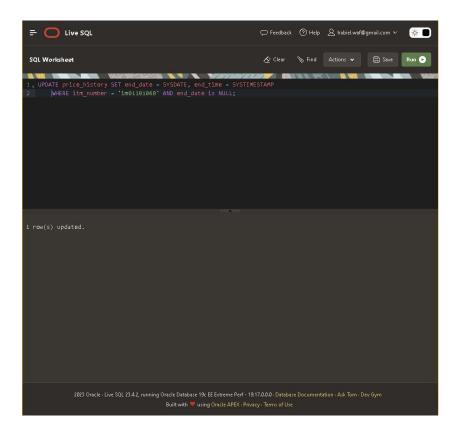
EXERCISE 2

PART 1: Updating rows to the system

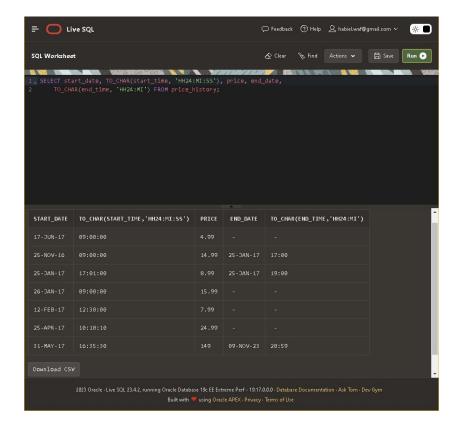
1) SELECT start_date, TO_CHAR(start_time, 'HH24:MI:SS'), price, end_date, TO_CHAR(end_time, 'HH24:MI') FROM price_history;



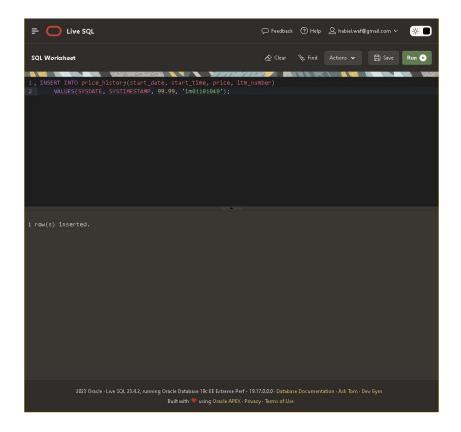
2) UPDATE price_history SET end_date = SYSDATE, end_time = SYSTIMESTAMP WHERE itm number = 'im01101048' AND end date is NULL;



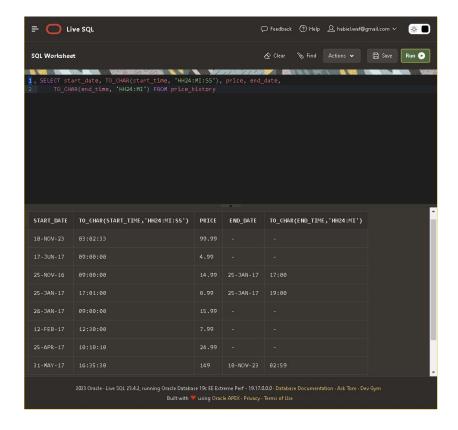
3) SELECT start_date, TO_CHAR(start_time, 'HH24:MI:SS'), price, end_date, TO_CHAR(end_time, 'HH24:MI') FROM price_history;



4) INSERT INTO price_history(start_date, start_time, price, itm_number) VALUES(SYSDATE, SYSTIMESTAMP, 99.99, 'im01101048');

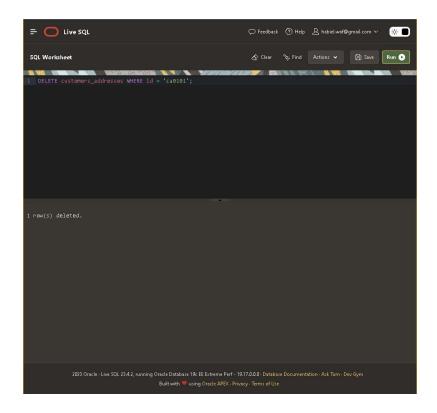


5) SELECT start_date, TO_CHAR(start_time, 'HH24:MI:SS'), price, end_date, TO_CHAR(end_time, 'HH24:MI') FROM price_history;



PART 2: Deleting rows from the system

1) DELETE customers_addresses WHERE id = 'ca0101';



2) SELECT * FROM customers_addresses;

