# DATABASE SECTION – 03 LAB 1 SQL1-DDL

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MATRICS NUM : B23CS0009

DATE : 1 NOVEMBER 2023

LECTURER : DR IZYAN IZZATI BINTI KAMSANI

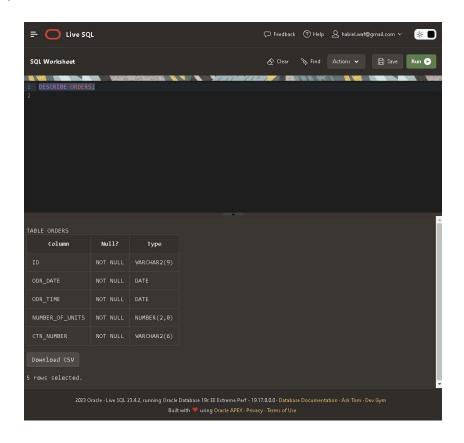
## PART 1

- **1)** 10
- **2)** 6
- 3) NOT NULL
- 4) customer\_pk
- 5) sales\_representatives(commission\_rate) Lowest: -99, Highest: 99
- 6) price\_history(price) Lowest: -99999.99, Highest: 99999.99
- **7)** 6

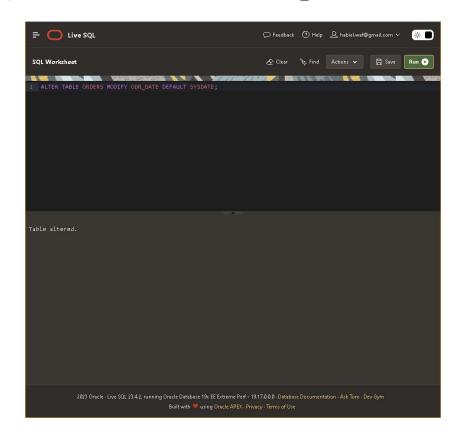
#### PART 2

## Modifying a column

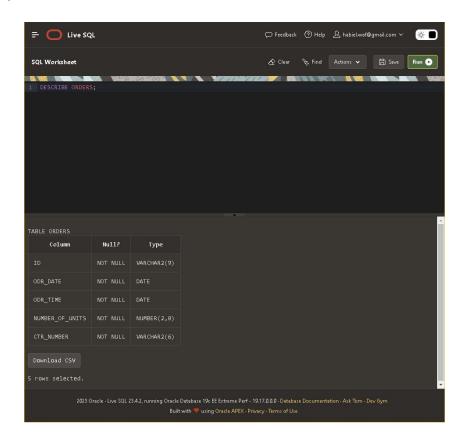
1) DESCRIBE ORDERS;



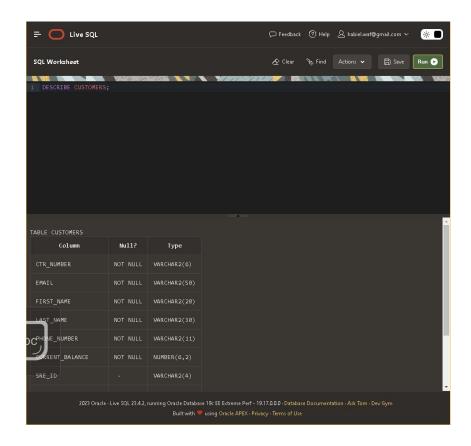
2) ALTER TABLE ORDERS MODIFY ODR\_DATE DEFAULT SYSDATE;



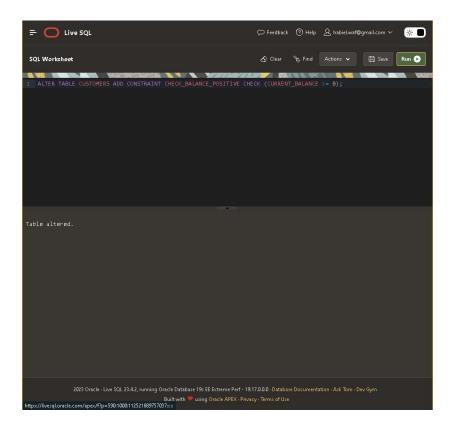
3) DESCRIBE ORDERS;

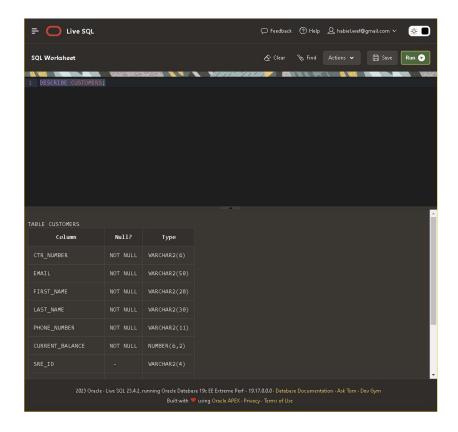


## Adding a check constraint



2) ALTER TABLE CUSTOMERS ADD CONSTRAINT CHECK\_BALANCE\_POSITIVE CHECK (CURRENT\_BALANCE >= 0);

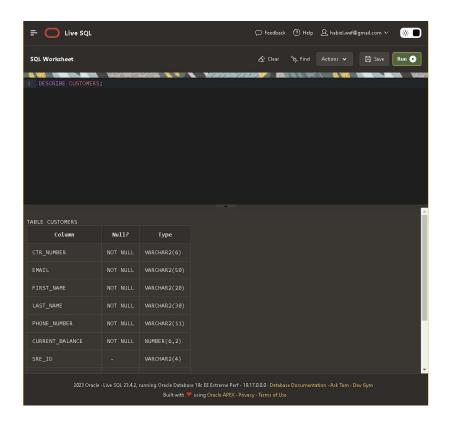




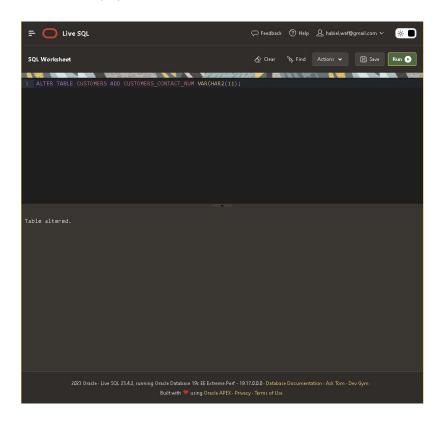
4) Table CUSTOMERS' constraints:

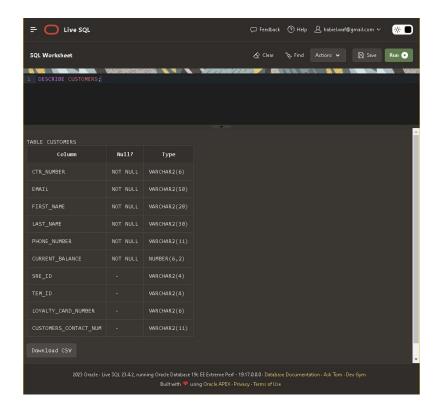


## Adding a column



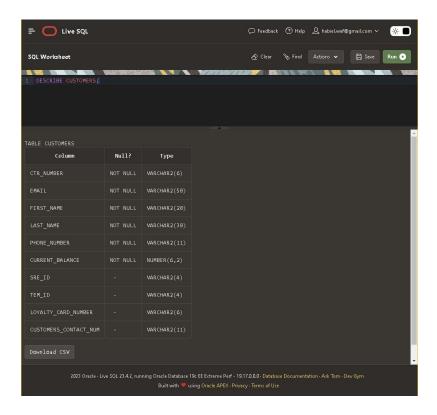
2) ALTER TABLE CUSTOMERS ADD CUSTOMERS\_CONTACT\_NUM VARCHAR(11);





## Dropping a column

1) DESCRIBE CUSTOMERS;



2) ALTER TABLE CUSTOMERS DROP COLUMN CUSTOMERS\_CONTACT\_NUM;

