Lab 2

Section 1

• Exercise 1

```
E Live SQL

Chome

SQL Worksheet

1 ∨ CREATE TABLE Restaurant (
1 ∨ CREATE TABLE Restaurant (
2 ≥ restaurant d DECIPMAL(12) PRIMARY KEY,
3 name VARCHAR(64) NOT NULL,
4 );
5 Schema

P Quick SQL

My Scripts

My Scripts

My Scripts

A Code Library

Table created.

Table altered.
```

• Exercise 2

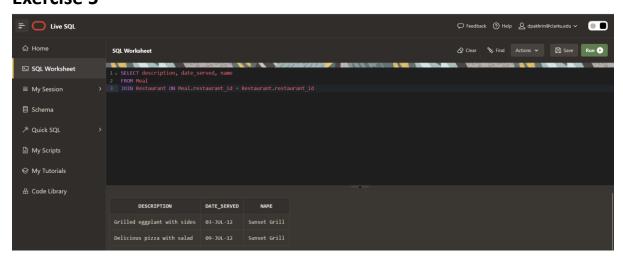


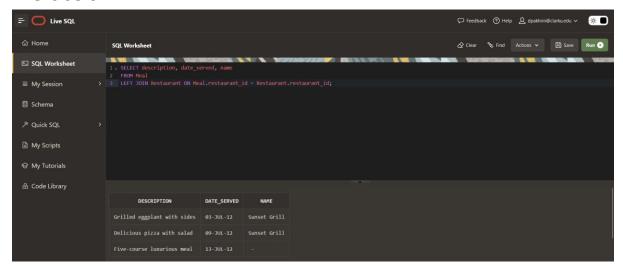


• Exercise 4



• Exercise 5

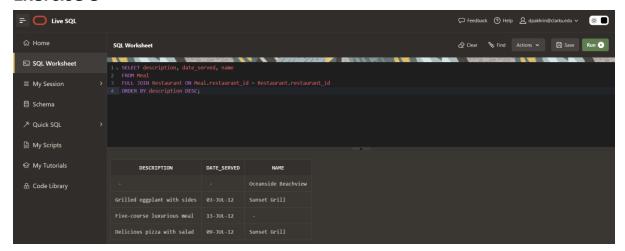




• Exercise 7



Exercise 8



Exercise 9



Exercise 10





• Exercise 12



• Exercise 13

The insertion failed because it couldn't find its foreign key in the Package table. This sql query tried to insert the package record linking with the primary key of the delivery service table that does not exist.

Exercise 14Similarities

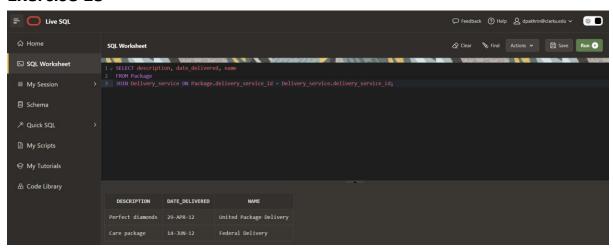
- Every operation joins two records for the given join condition.
- Every join operation joins two tables given the same column and condition.

- Every operation generated a new table that includes the column from another table given the condition.

Difference

Inner Join	Left Join	Right Join	Full Join
It fetches only the	It fetch all the	It fetch all the	It fetch all the
record if there is a	records from the	records from the	records when
match in both tables	left table and	right table and	there is a match
on the given	matched record	matched record	in one of the
condition.	from the right table	from the left	table(i.e) either
	and sets NULL	table and sets	left or right table
	value for the	NULL value for	and sets Null
	attribute from the	the attribute	value for the
	right table if it	from the left	columns from the
	doesn't match	table if it doesn't	other table if it
		match	doesn't match.

Exercise 15



Exercise 16

Some rows in Delivery_service and some rows in Package were not listed because we had performed an inner join. Inner join fetches only the row where there is a match between the tables. It will not fetch the row of that table that does not have match.



• Exercise 18



Exercise 19

