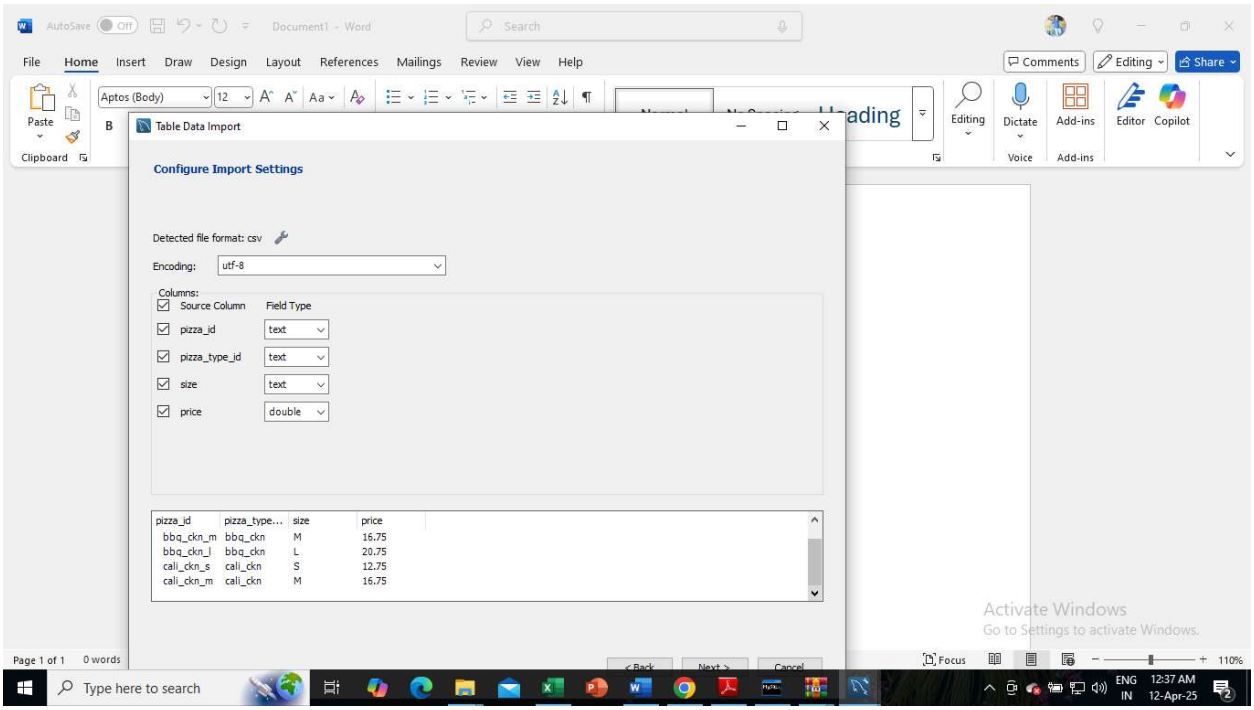
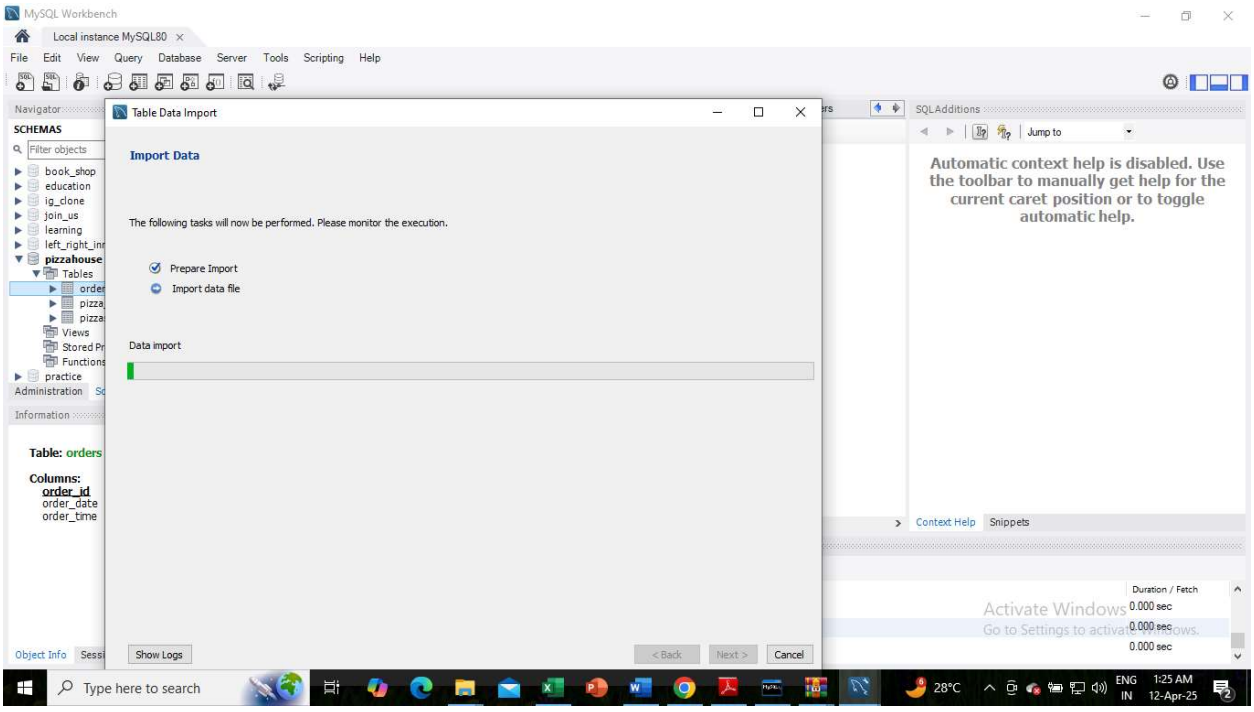
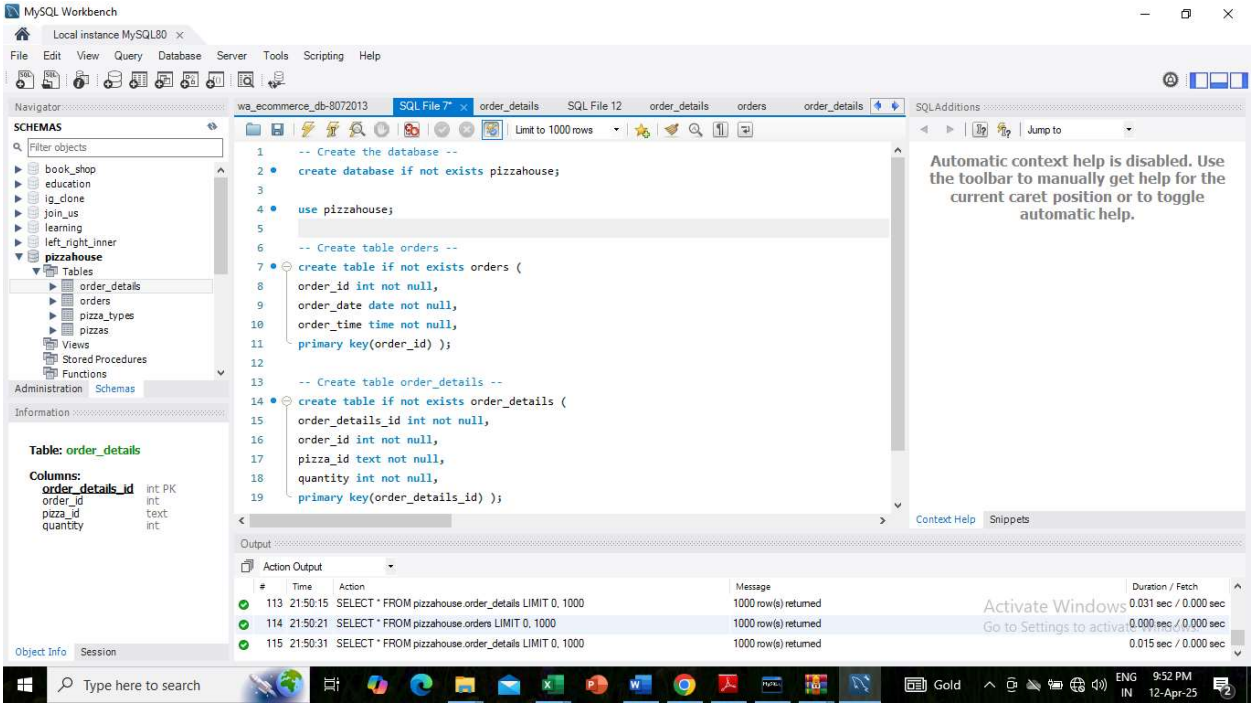
Loading data along with the table from excel using SQL workbench

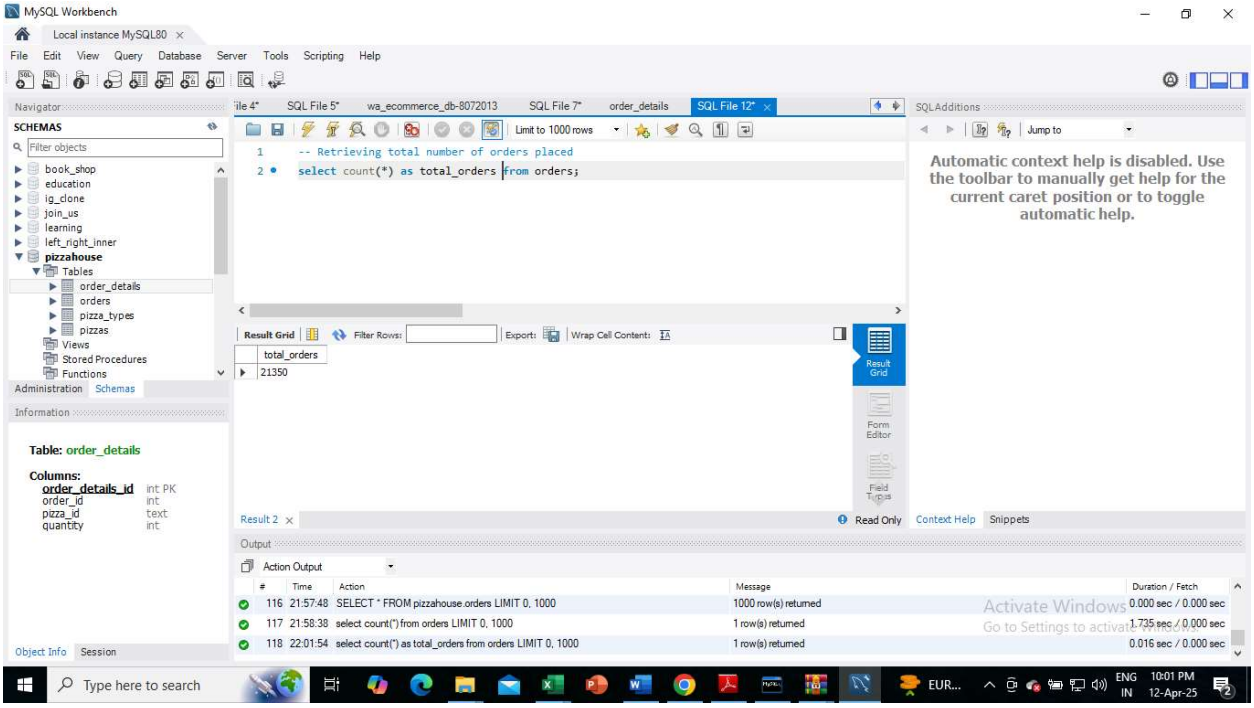


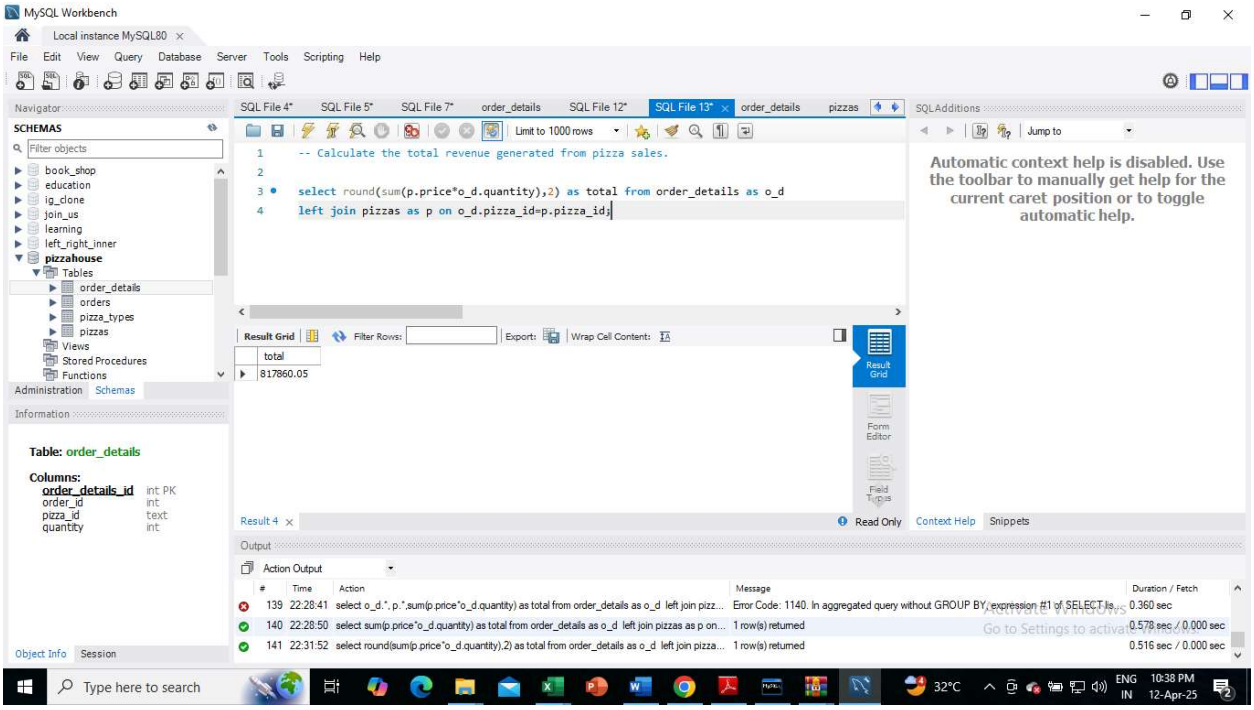


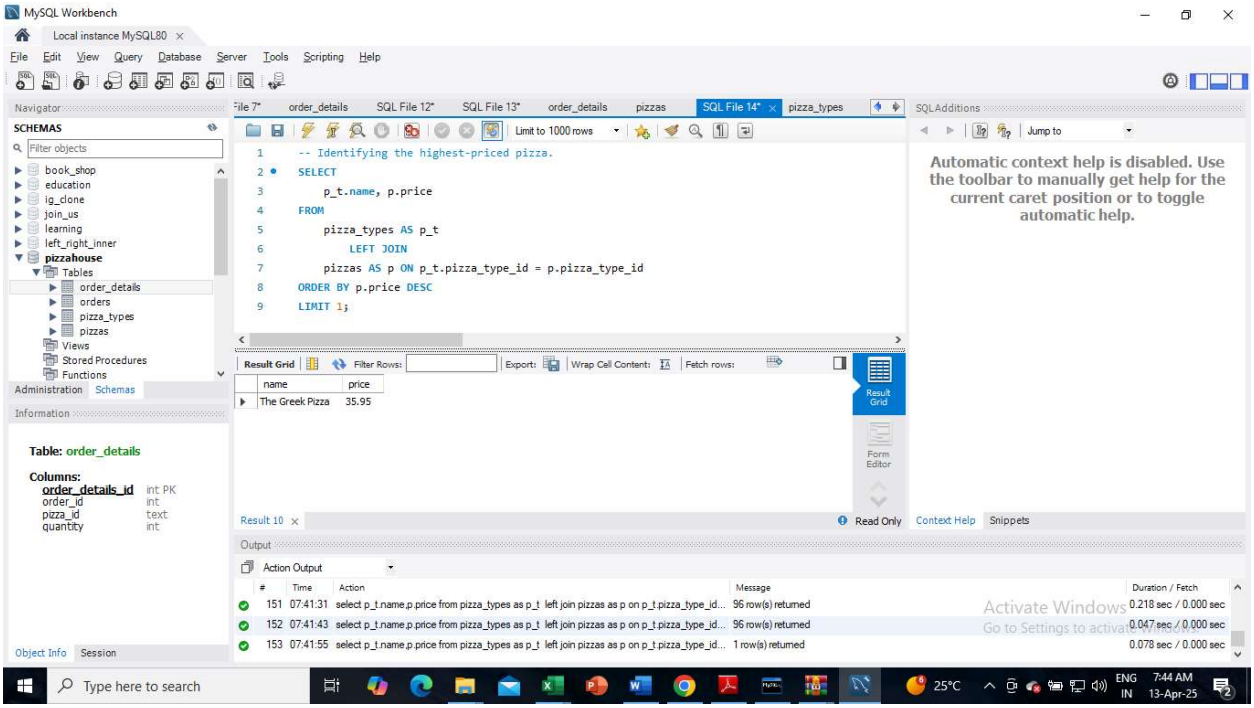
As some datatypes are not available while we are trying to import data from a .csv file, we have created the tables using SQL workbench and then we will be directly loading the data onto it.

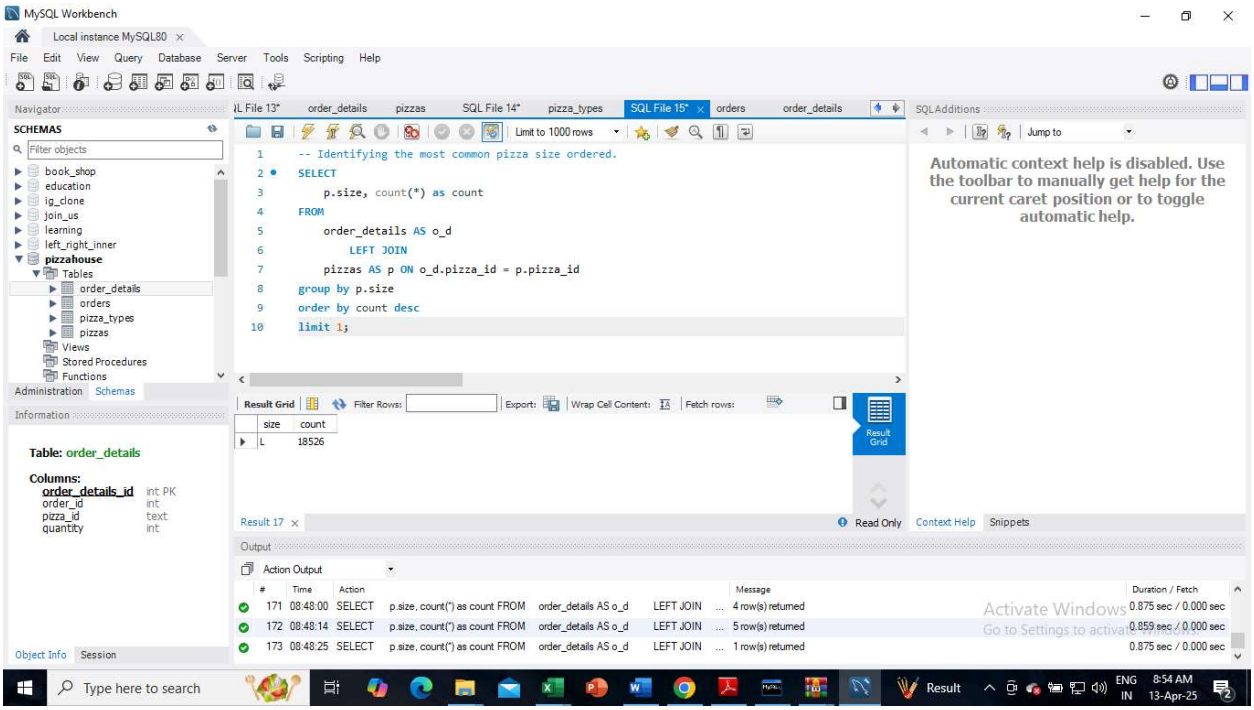


Below are the queries performed to analyse the data-






MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
SCHEMAS
book_shop
education
ig_clone
join_us
learning
left_right_inner
pizzahouse
Tables
order_details
orders
pizza_types
pizzas
Views
Stored Procedures
Functions
Table: order_details
Columns:
order_details_id int PK
order_id int
pizza_id text
quantity int
-- Identifying the highest-priced pizza.
SELECT
p_t.name, p.price
FROM
pizza_types AS p_t
LEFT JOIN
pizzas AS p ON p_t.pizza_type_id = p.pizza_type_id
ORDER BY p.price DESC
LIMIT 1;
name price
The Greek Pizza 35.95
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Output
Action Output
151 07:41:31 select p_t.name,p.price from pizza_types as p_t left join pizzas as p on p_t.pizza_type_id... 96 row(s) returned 0.218 sec / 0.000 sec
152 07:41:43 select p_t.name,p.price from pizza_types as p_t left join pizzas as p on p_t.pizza_type_id... 96 row(s) returned 0.047 sec / 0.000 sec
153 07:41:55 select p_t.name,p.price from pizza_types as p_t left join pizzas as p on p_t.pizza_type_id... 1 row(s) returned 0.078 sec / 0.000 sec
Type here to search
25°C
ENG IN
7:44 AM 13-Apr-25


MySQL Workbench
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File Edit View Query Database Server Tools Scripting Help
SCHEMAS
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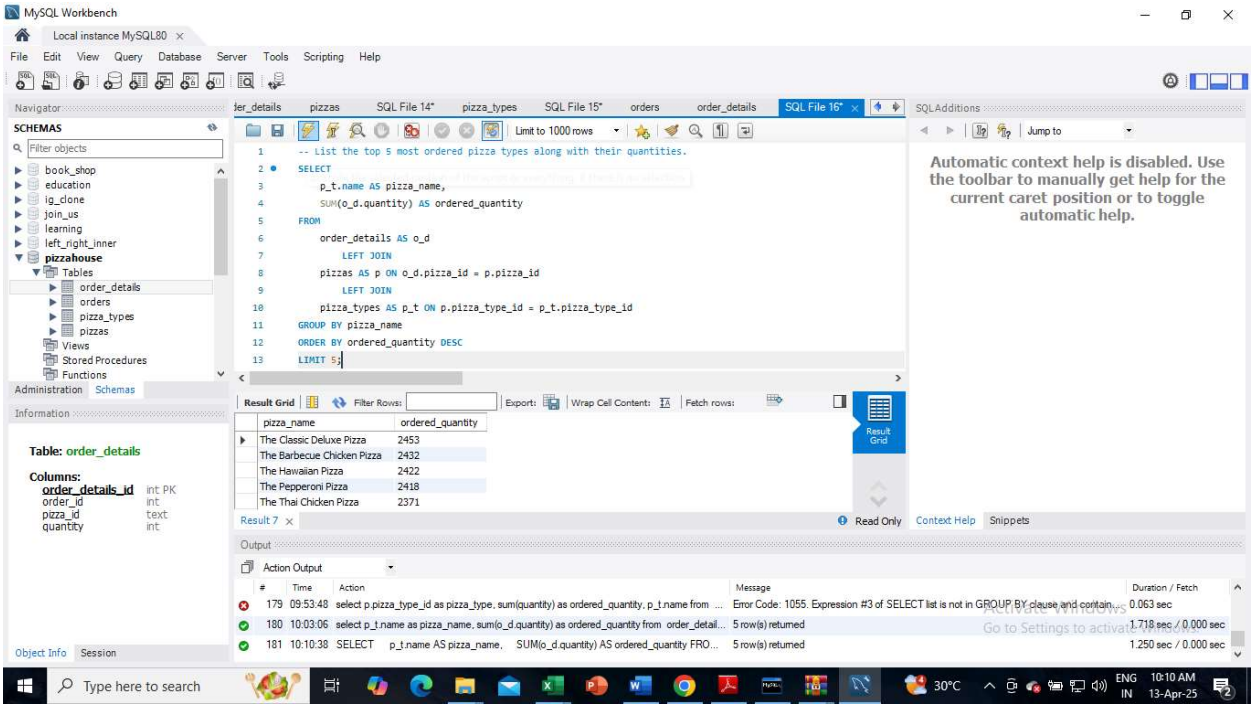
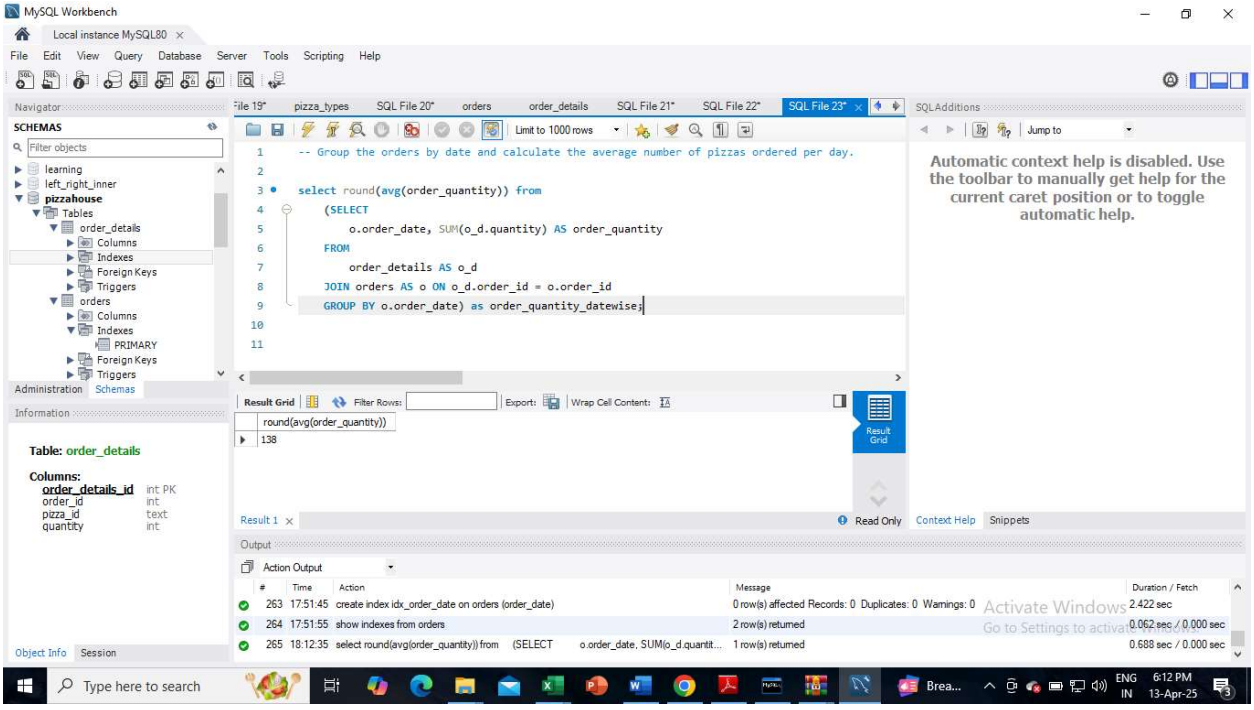
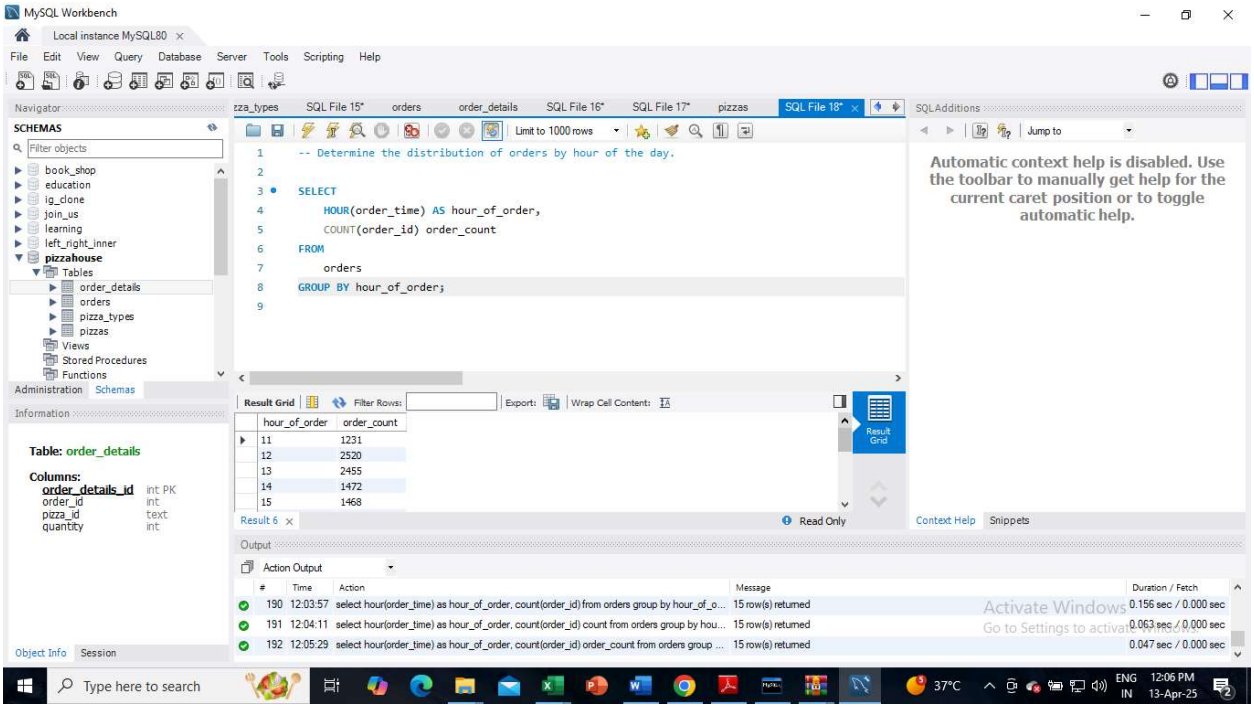
pizzahouse
Tables
order_details
orders
pizza_types
pizzas
Views
Stored Procedures
Functions
Table: order_details
Columns:
order_details_id int PK
order_id int
pizza_id text
quantity int
-- Identifying the most common pizza size ordered.
SELECT
p.size, count(*) as count
FROM
order_details AS o_d
LEFT JOIN
pizzas AS p ON o_d.pizza_id = p.pizza_id
group by p.size
order by count desc
limit 1;
size count
L 18526
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Output
Action Output
171 08:48:00 SELECT p.size, count(*) as count FROM order_details AS o_d LEFT JOIN ... 4 row(s) returned 0.875 sec / 0.000 sec
172 08:48:14 SELECT p.size, count(*) as count FROM order_details AS o_d LEFT JOIN ... 5 row(s) returned 0.859 sec / 0.000 sec
173 08:48:25 SELECT p.size, count(*) as count FROM order_details AS o_d LEFT JOIN ... 1 row(s) returned 0.875 sec / 0.000 sec
Type here to search
Result
ENG IN
8:54 AM 13-Apr-25

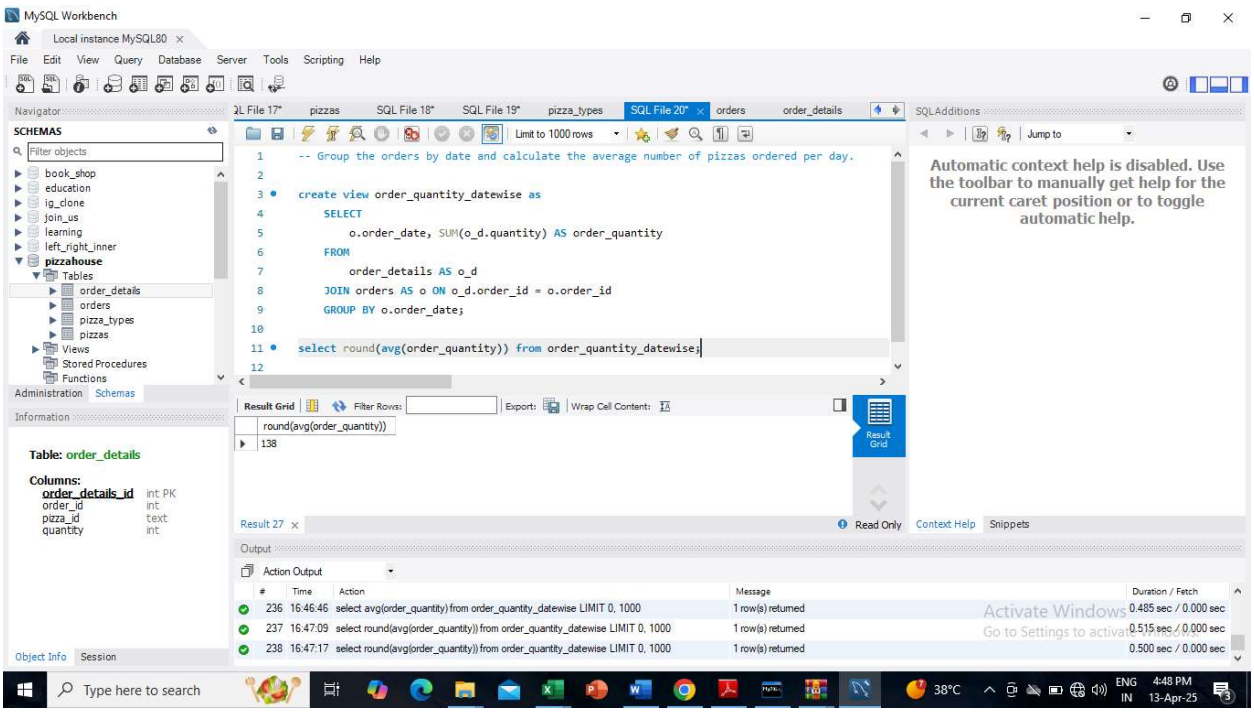


Using a subquery-

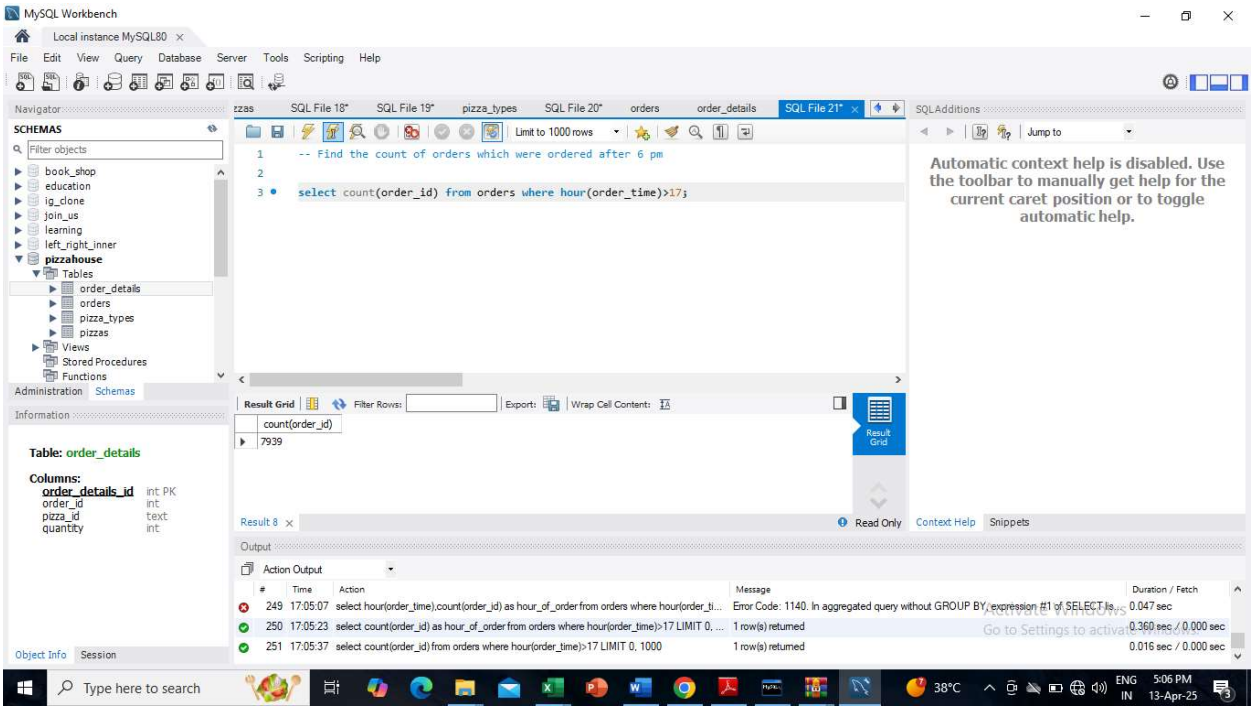




Creating view to reduce the effort of writing the tedious codes and call the view whenever required-



Using where clause-



Process of creating index which will be useful when doing the search operations.