SEPTEMBER 13, 2024

LAB 2 - DATABASE DEVELOPMENT PROCESS

IS 6420-001 FALL 2024 DATABASE THEORY/DESIGN

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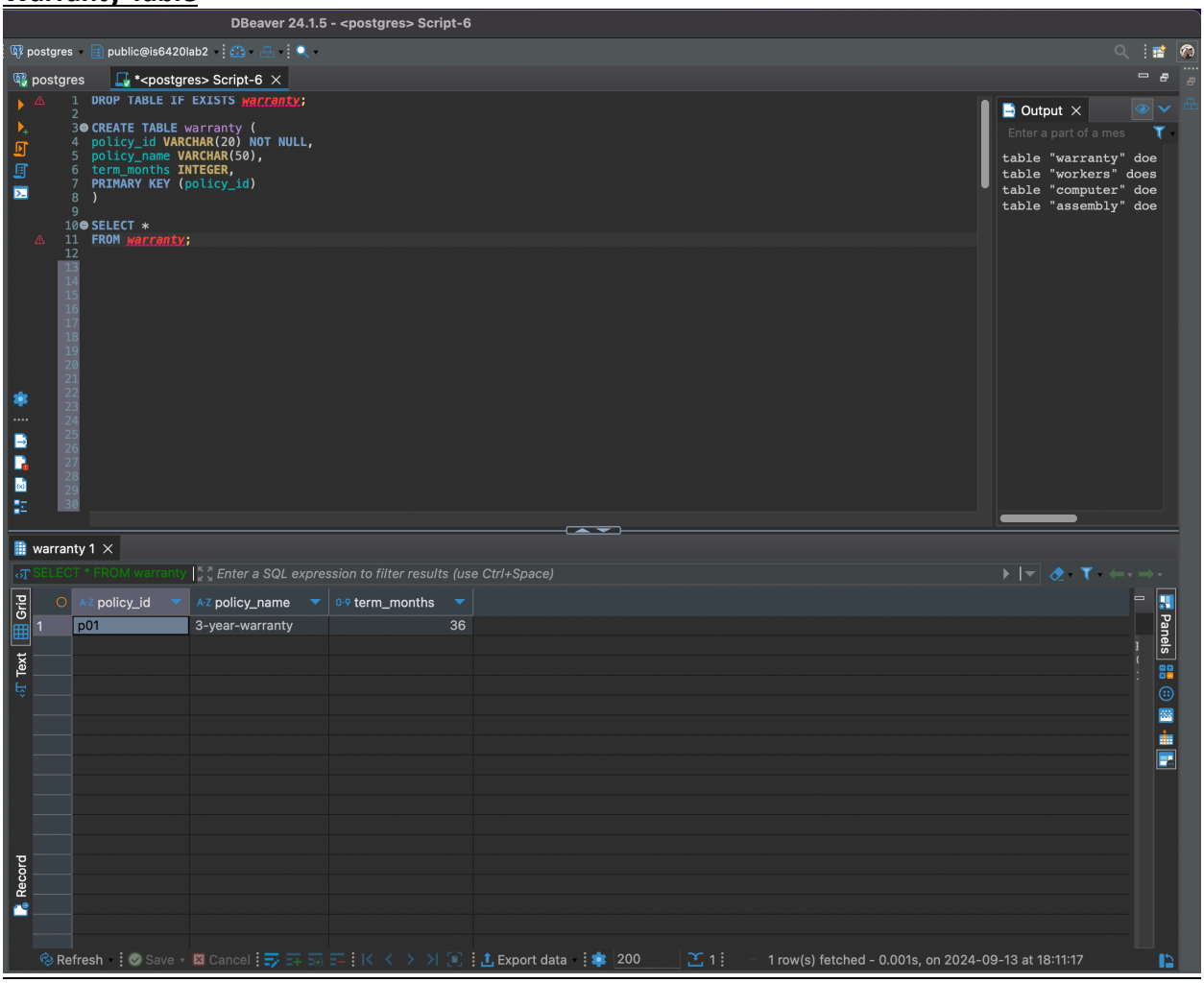
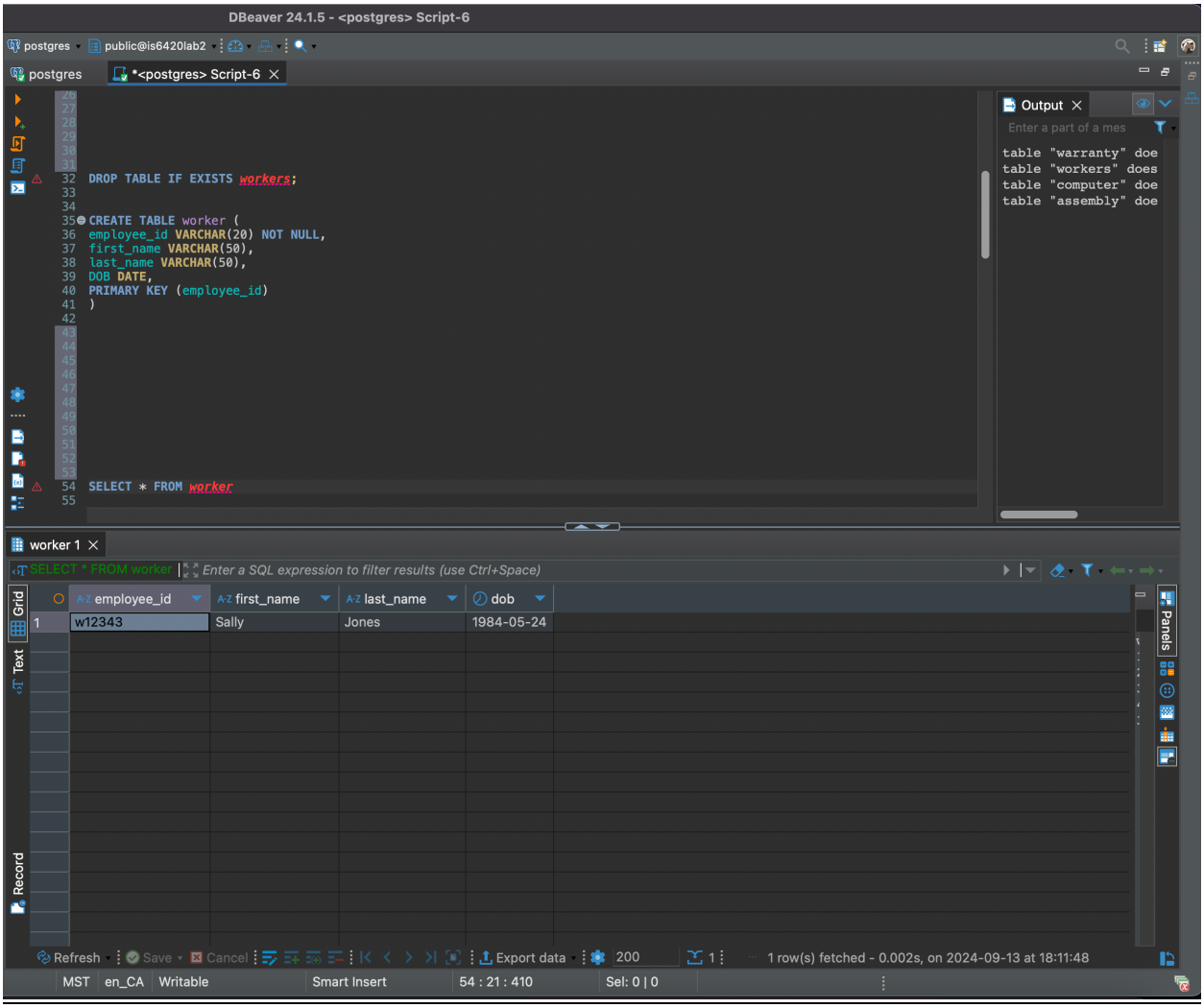
Lab 2 SQL

Guided Exercises

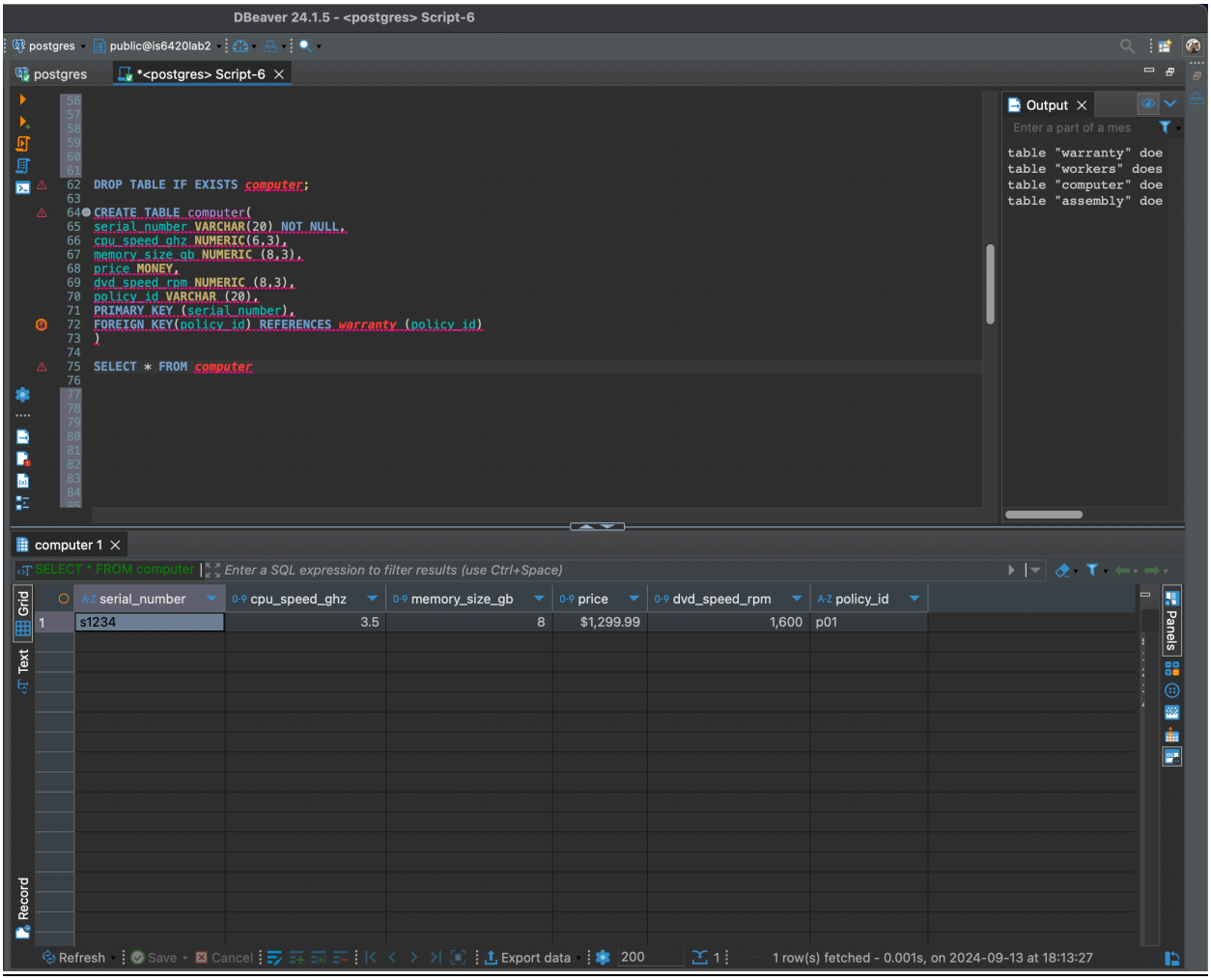
Warranty Table



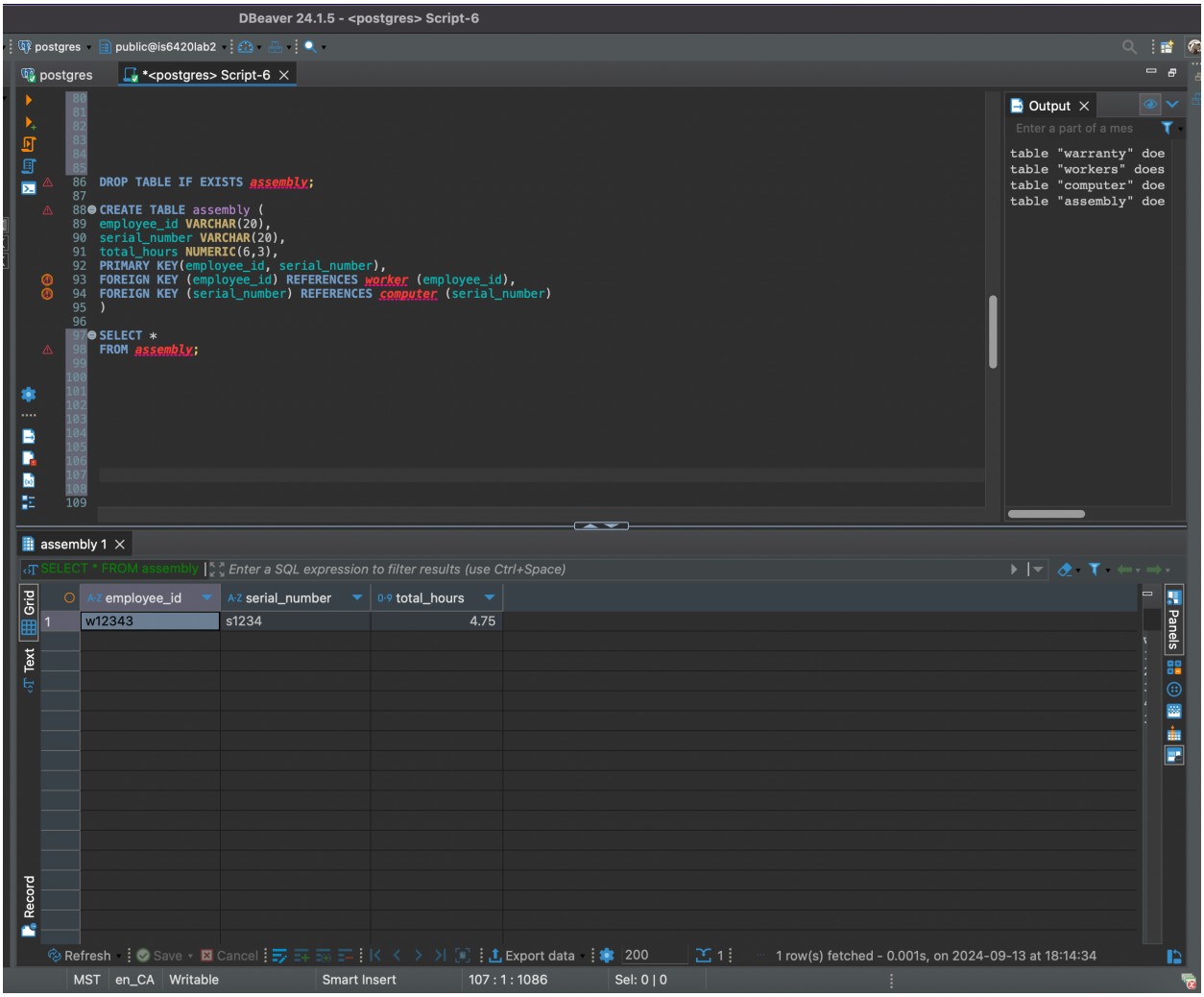
Worker Table



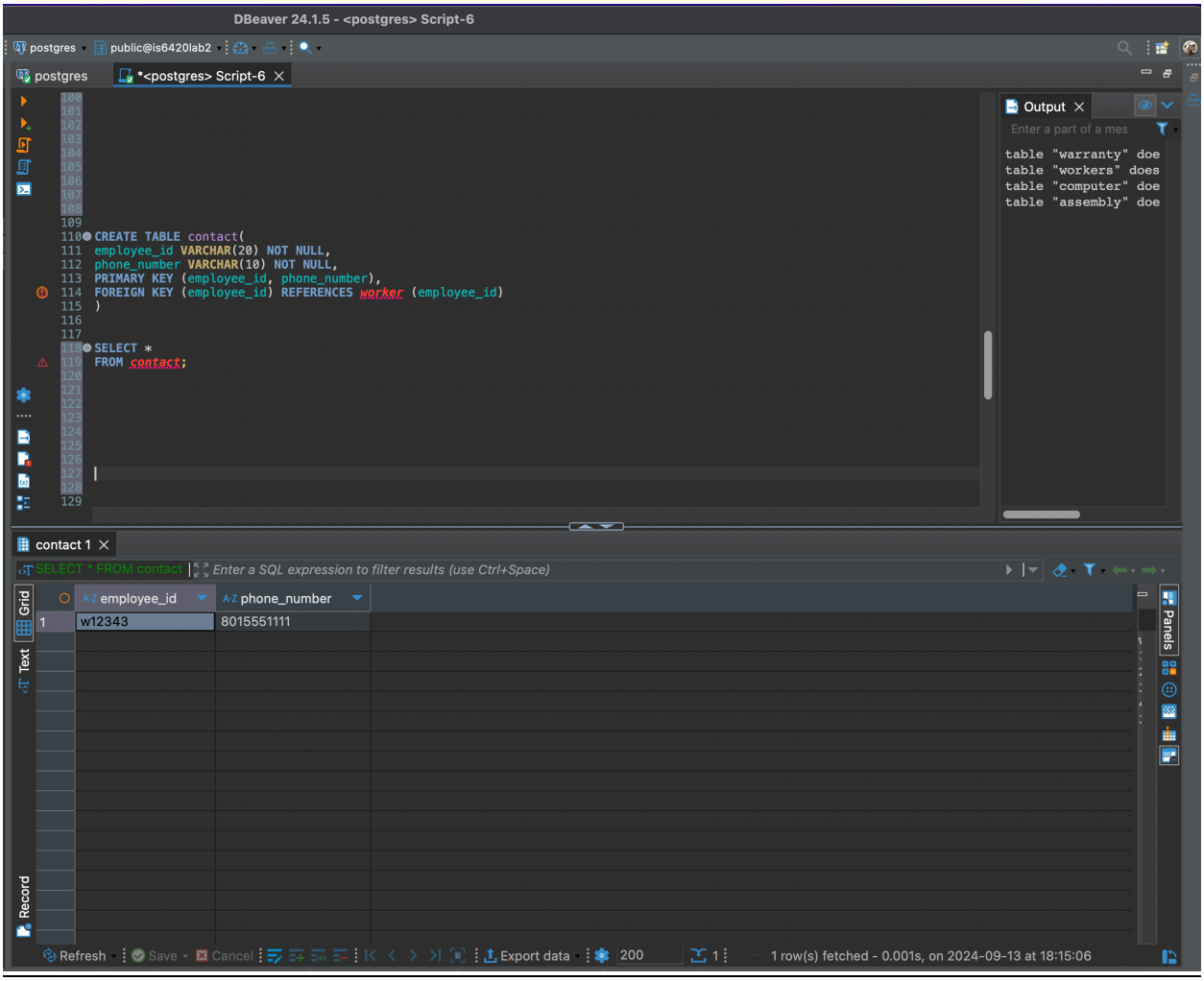
Computer Table



Assembly Table



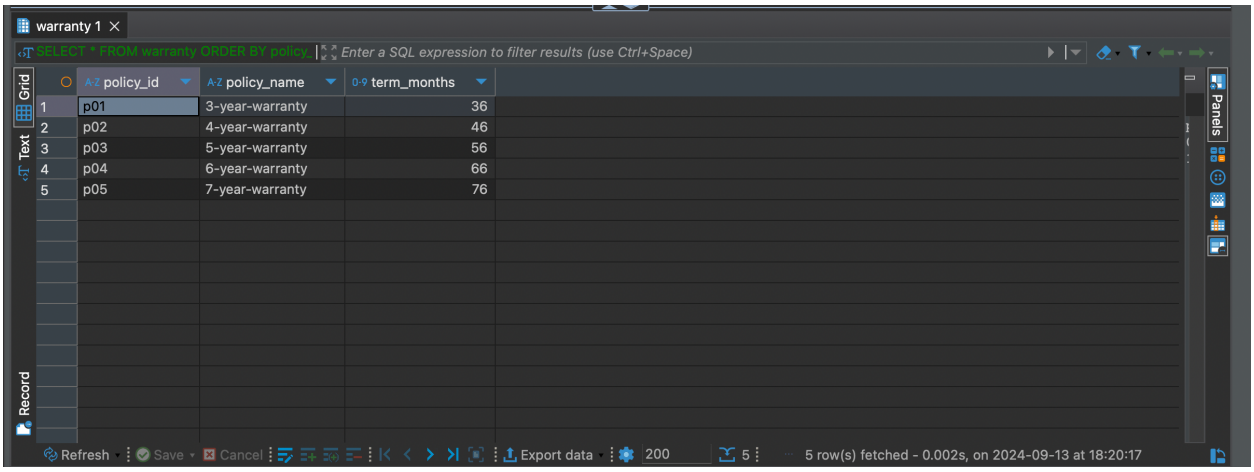
Contact Table



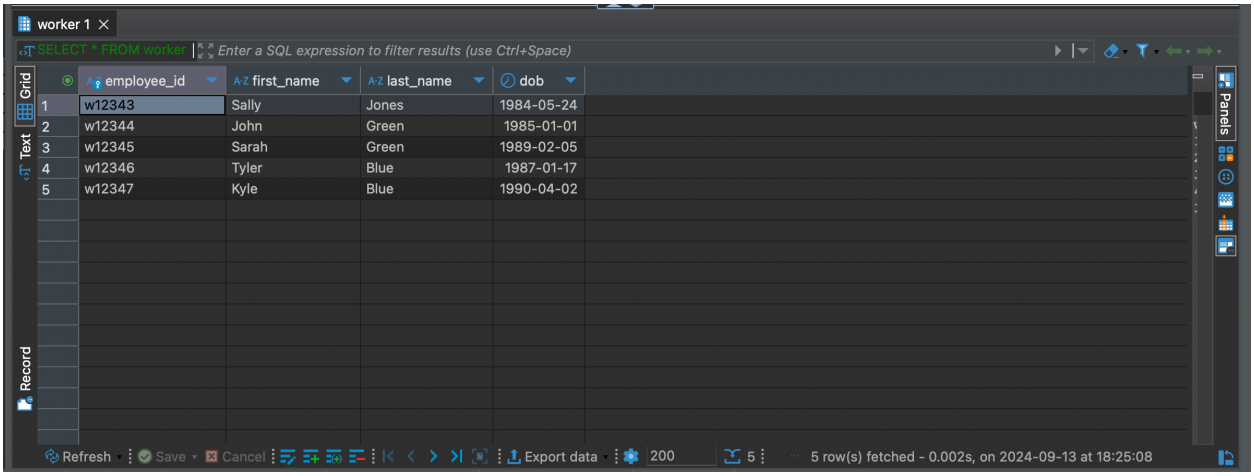
Challenge Exercises – Part 1

Add more data on Tables:

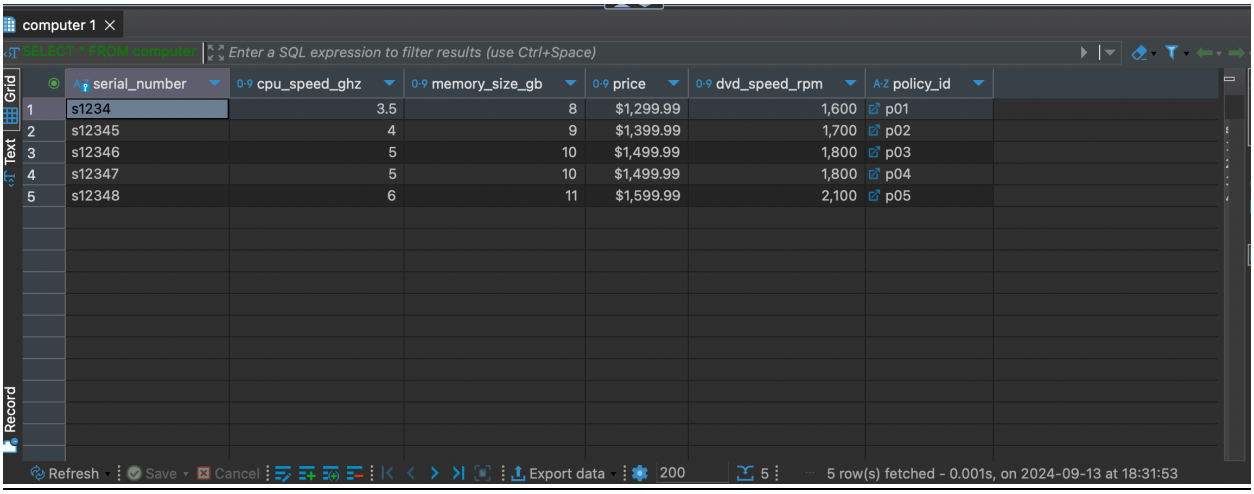
Warranty Table



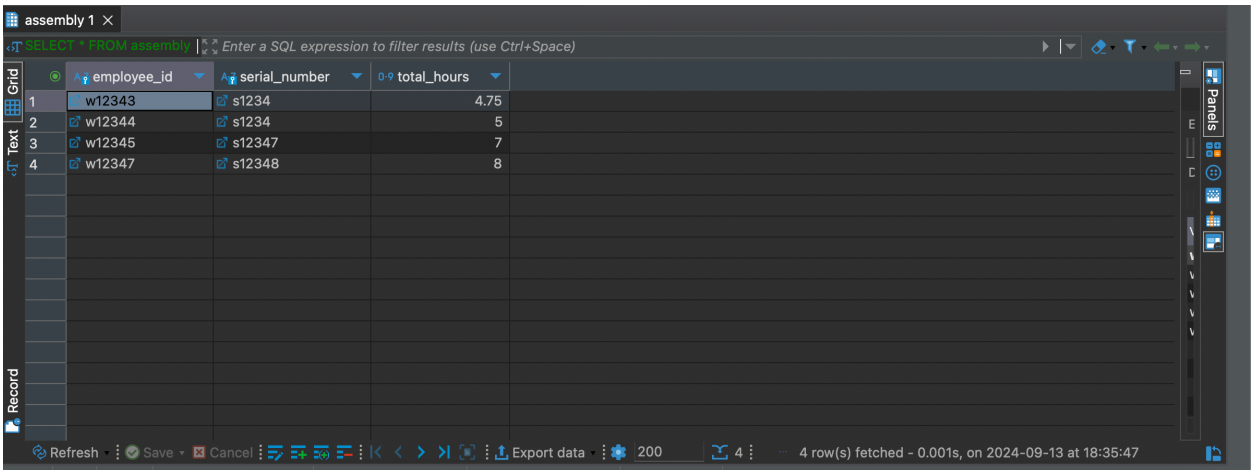
Worker Table



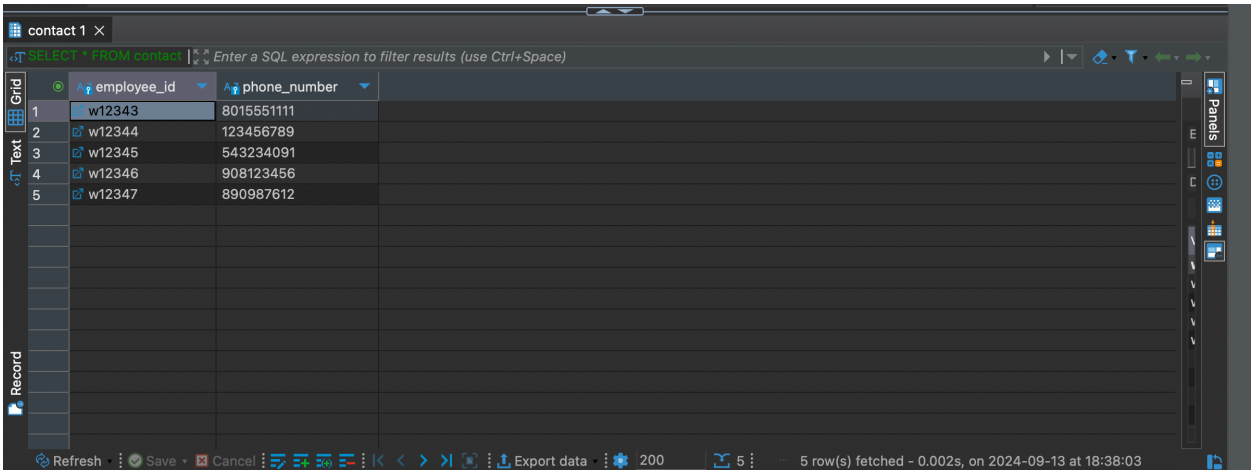
Computer Table



Assembly Table

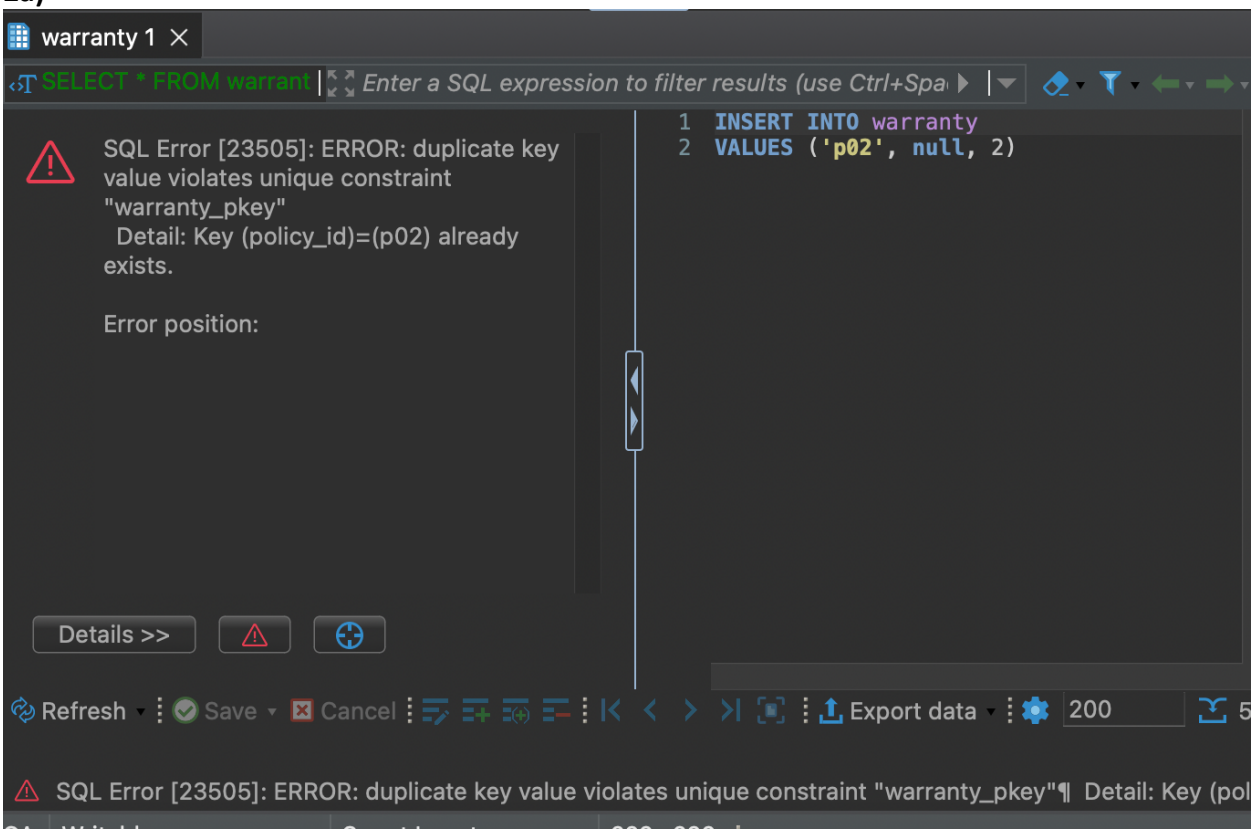


Contact table

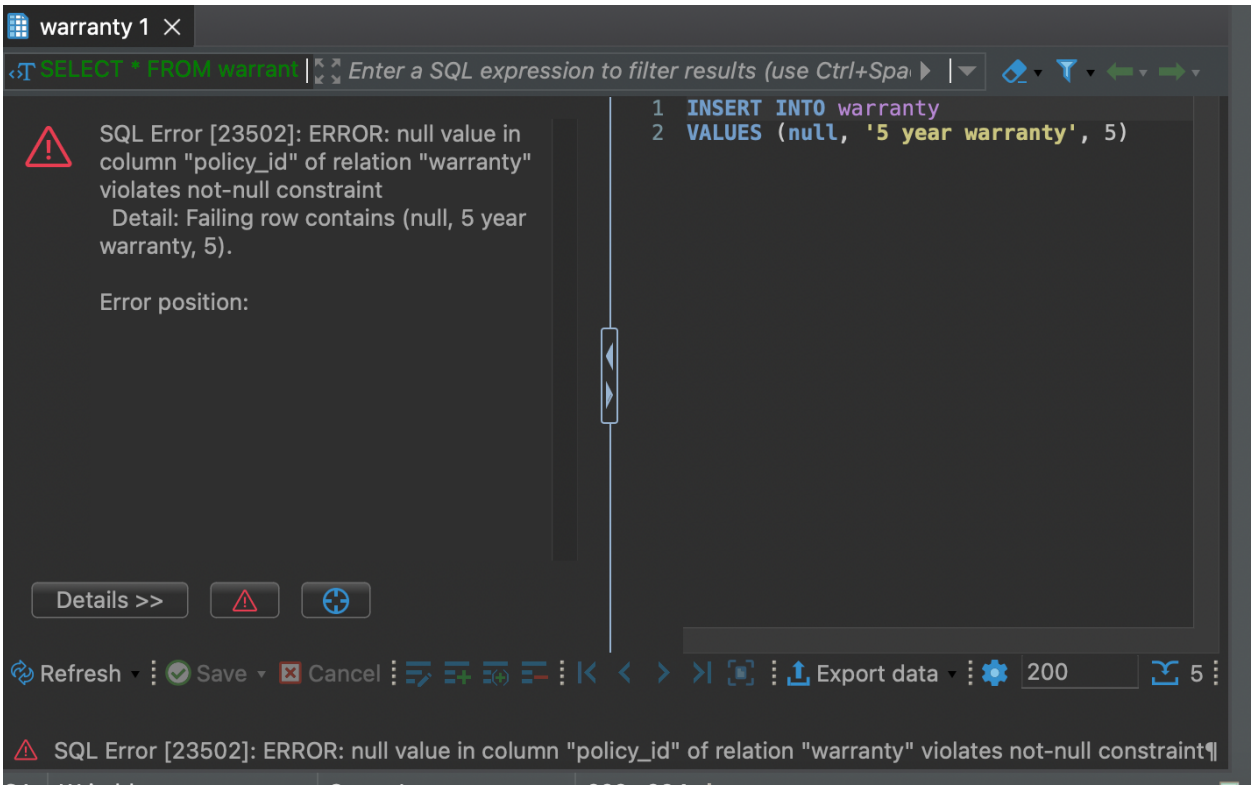


Practice on Null:

2a)

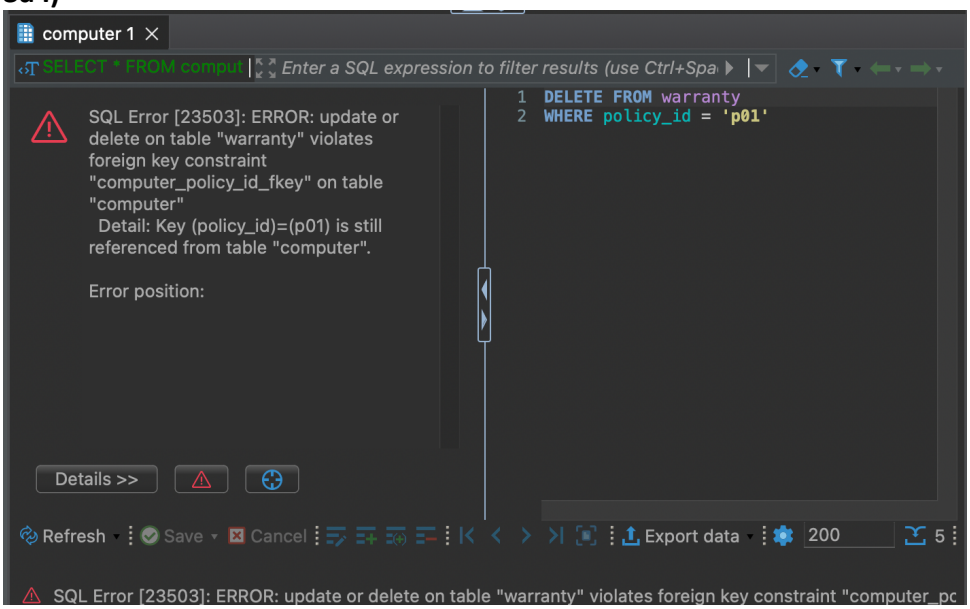


2b i)



2b ii) Does not work since we have added a NOT NULL clause to the policy_id field for the Warranty table

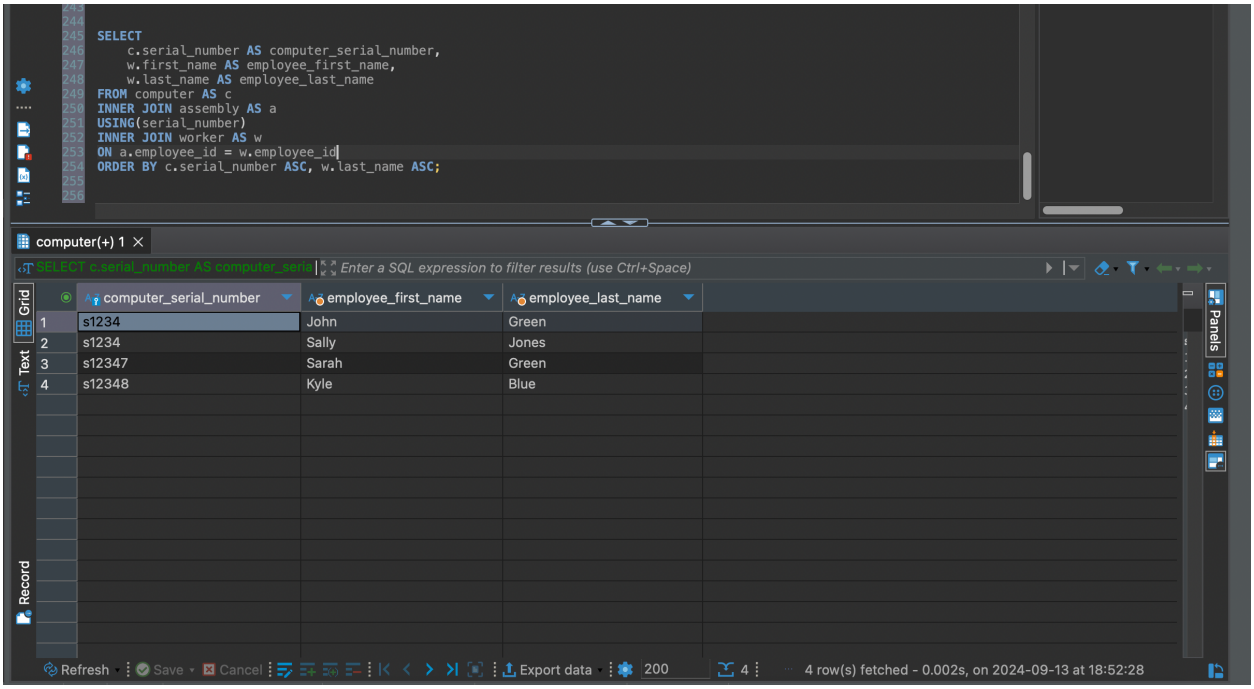
3a i)



3a ii)
Does Not work since we linked a foreign key to the computer table thus maintaining referential integrity. Therefore, it cannot be deleted since the computer table has the value of p01 too in its rows.

Challenge Exercise – Part 2

2. **Create a query that displays all of the employees who worked on a computer**



3. **Create a query that displays the total number of labor hours spent on each computer**