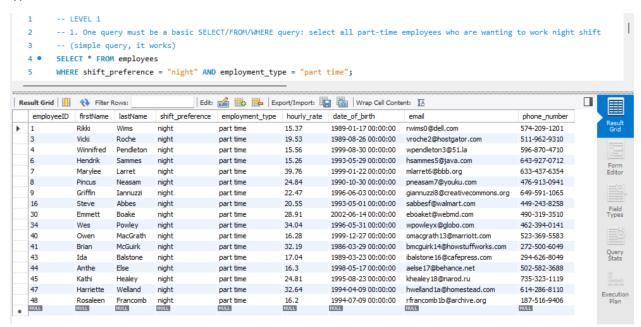
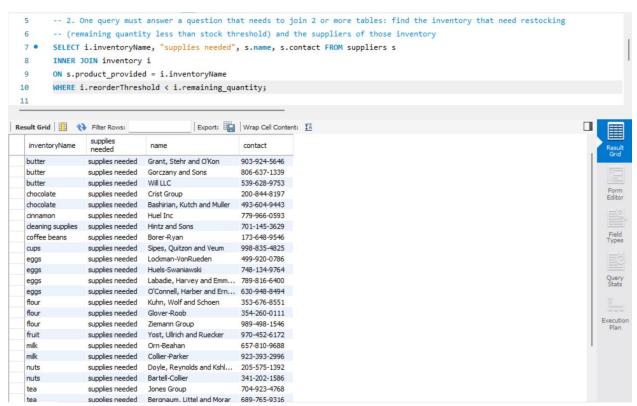
Database Systems Project -- Riley Phan

Query results:

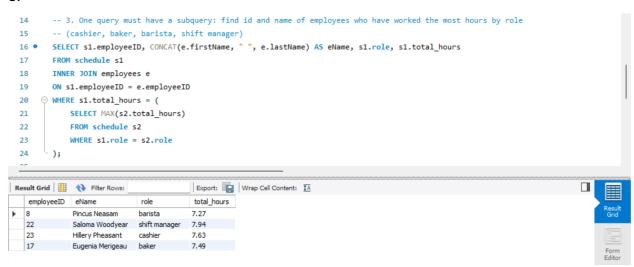
Level 1

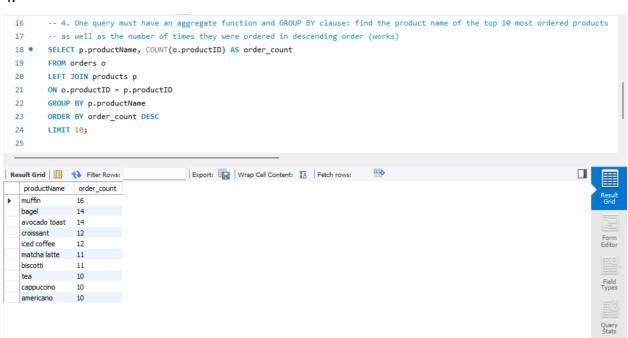
1.





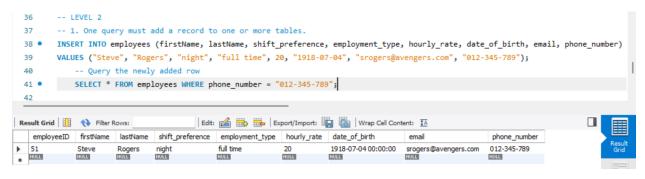
3.

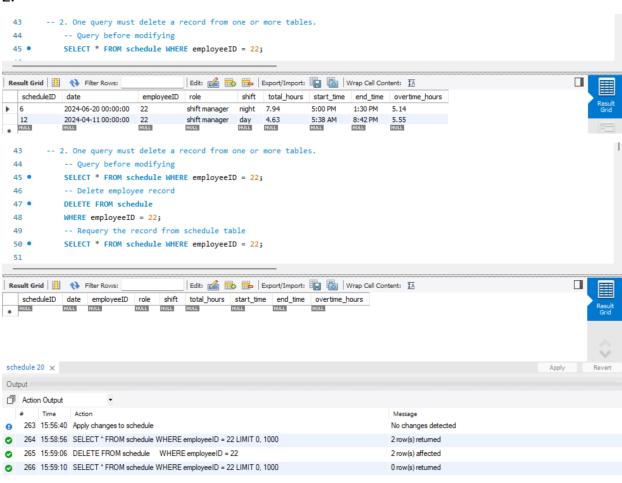




Level 2

1.





```
-- 3. You have foreign key ON UPDATE constraints that make sense on a table/tables
 52
 53
         -- and write an SQL query to demonstrate how one of them works
             -- I have constraint ON UPDATE NO ACTION for foreign key product_provided in suppliers tables, since I want to update my
 54
             -- inventory record without losing the contacts info of my supplier
 55
             -- Updating reorderThreshold for "chocolate" from 100 to 200 will work (no error) but doesn't result in any difference
 56
 57
             -- in the suppliers table)
 58
             -- (Updating, for example, record of "chocolate" to "chocolate chips" won't work since
             -- that will violates referential integrity)
 59
 60 •
             UPDATE inventory
 61
             SET reorderThreshold = 200
 62
             WHERE inventoryName = "Chocolate";
 63
             -- Select suppliers for chocolate
 64
             SELECT * FROM suppliers WHERE product_provided = "Chocolate";
 65 •
  66
                                          | Edit: 🚄 📆 🖶 | Export/Import: 📳 🐻 | Wrap Cell Content: 🏗
id
                                           product_provided
         name
                               contact
  14
         Crist Group
                               200-844-8197
                                           chocolate
   17
         Bashirian, Kutch and Muller
                              493-604-9443 chocolate
suppliers 15 ×
Output :
Action Output
       Time
               Action
                                                                                          Message
243 15:43:11 UPDATE inventory SET reorderThreshold = 200 WHERE inventoryName = "Chocolate"
                                                                                          1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
```

