Managing & Programming Database Trishla Shah

Assignment 1
September 30, 2018.

Mohd Nawaz Hussain
A00428036

1(a) Get the names and locations of the suppliers who have shipped part with pno = 3.

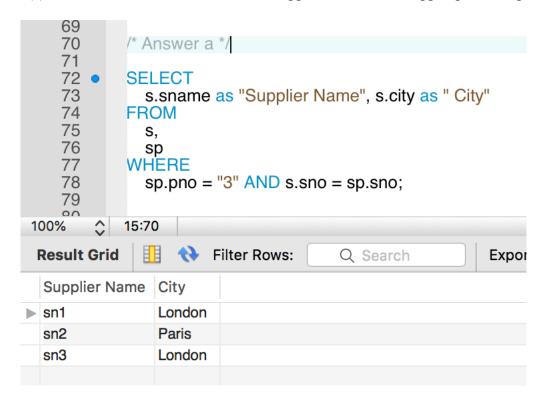


Fig 1.1

1(b) Get the part numbers and names of parts that have been shipped by suppliers located in Paris with status at least 20.

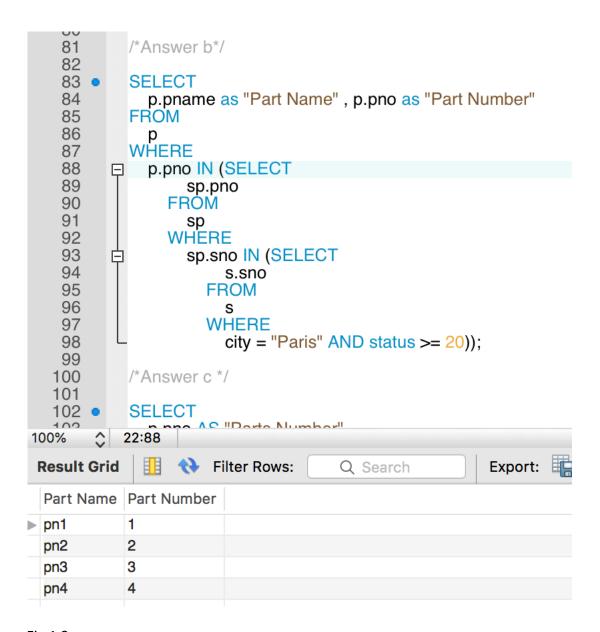


Fig 1.2

1(c) For each part, show the part number, name, and the number of suppliers who have supplied the part.

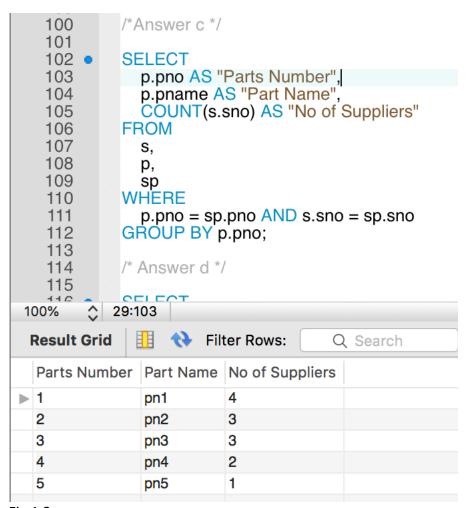


Fig 1.3

1 (d) For each London supplier who has shipped at least 1000 parts, show the name of the supplier and the total number of parts he/she has shipped.

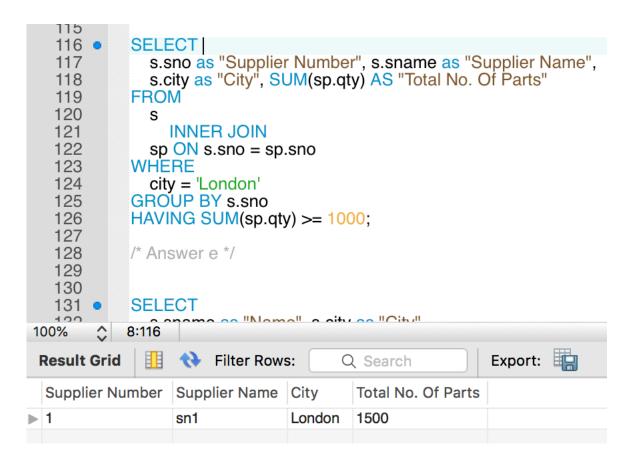


Fig 1.4

1 (e) Get the names and cities of the suppliers who have supplied all parts that weigh less than 4 grams.

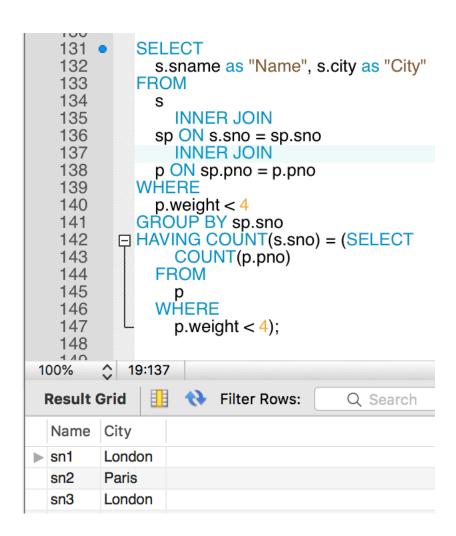


Fig 1.5

Question 2(a)

Fig 2.1

2(b)

Fig 2.2

2(c) & (d)

Question 3(a)

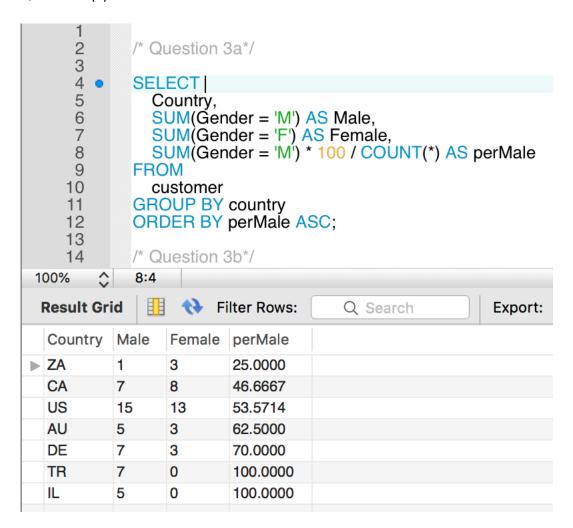


Fig 3.1

Question 3(b)

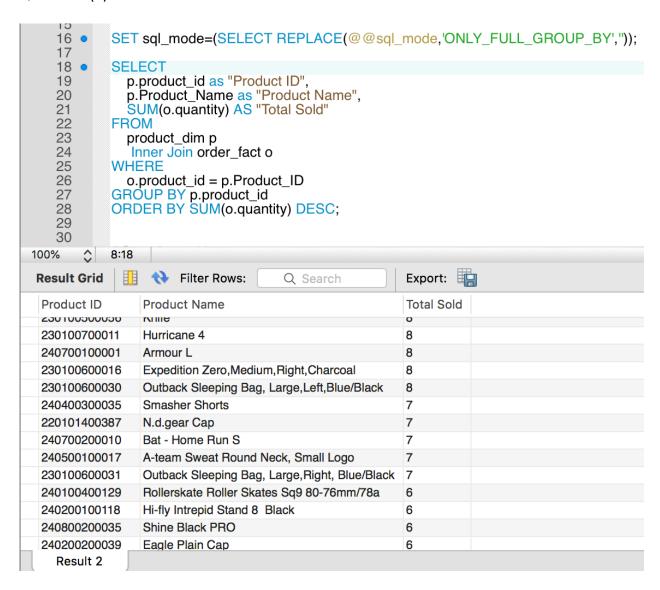


Fig 3.2

Question 3(c)

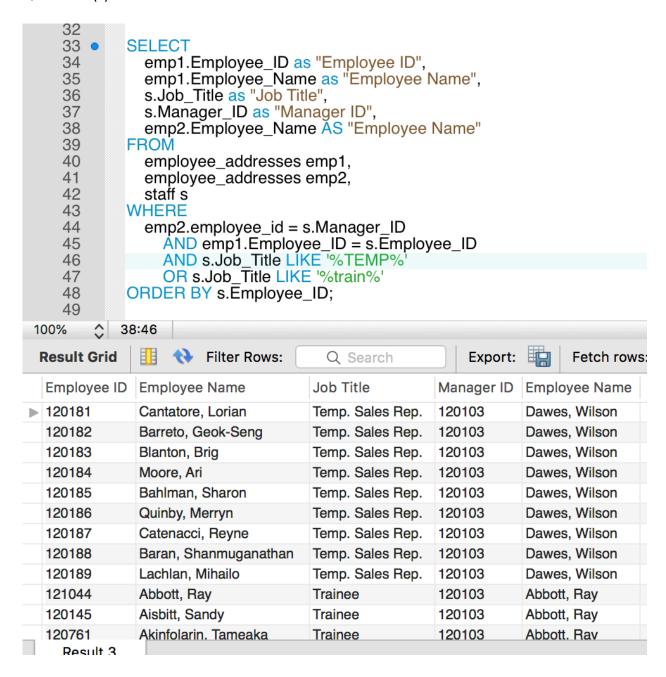


Fig 3.3

Question 3(d)

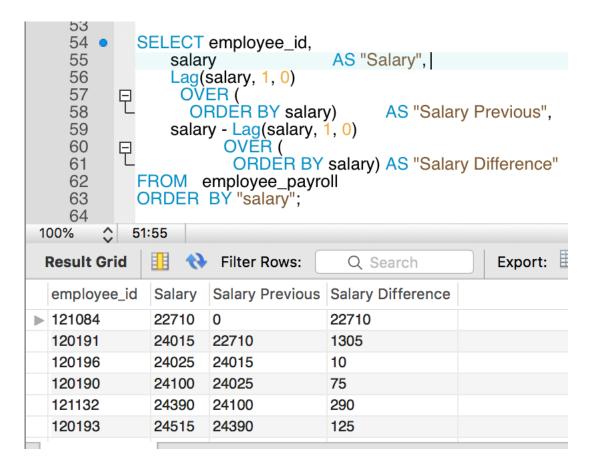


Fig 3.4

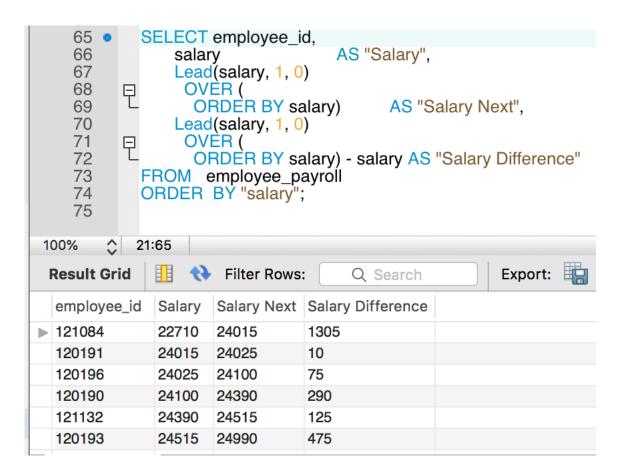


Fig 3.5

References

- https://stackoverflow.com/questions/36207042/error-code-1055-incompatible-with-sql-mode-only-full-group-by
- https://oracle-base.com/articles/misc/lag-lead-analytic-functions
- https://www.computing.dcu.ie/~mhughes/Lectures/Ch7Supp2Up.pdf
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