Question 3 Queries & Results

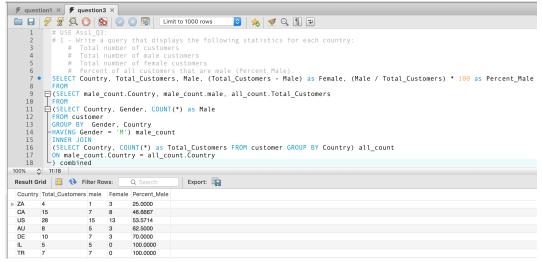


Figure 1: Q3/1 Expression & Output

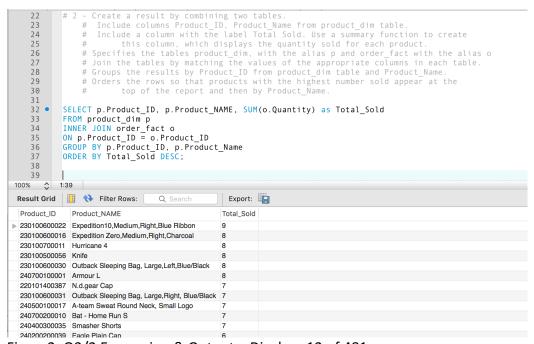


Figure 2: Q3/2 Expression & Output – Displays 12 of 481

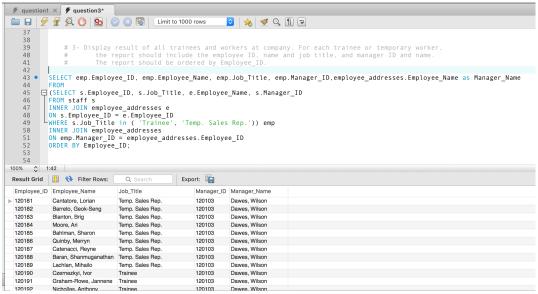


Figure 3: Q3/3 Expression & Output – Displays 12 of 42

```
    # question1 ×  
    # question3*

□ □ □ ☑ ☑ ☑ ☑ ☑ ☐ Limit to 1000 rows
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             # 4- 1) Calculate the difference between the salary of the current row and the previous row SET @quot=NULL; SELECT Employee_ID, Salary, lag_salary, (Salary - lag_salary) as Lag_diff
         FROM

(SELECT Employee_ID, Salary, tag_salary, (Salary - tag_salary) as tag_ur

FROM

(SELECT Employee_ID, Salary, @quot lag_salary, @quot:=salary curr_salary
             # 2) Calculate the difference between the salary of current row and the following row.

SELECT t1.Employee_ID, t1.Salary, t2.Salary as Lead_Salary, (t2.Salary - t1.Salary) as Lead_diff
         FROM (SELECT Employee_ID, Salary, @rownum1 := @rownum1 + 1 AS id FROM (SELECT Brownum1 := 0) r
                   employee_payroll , (SELECT @rownum1 := 0) r
ORDER BY
    70
100% 🗘 25:61
Export:
 Employee_ID Salary lag_salary Lag_diff
               87975 108255
 120103
               46230 87975
 120104
 120105
               27110 46230
 120106
               26960 27110
 120107
               30475
                                   3515
 120108
              27660 30475
 120109
               26495
                      27660
                                   -1165
               28615
                       26495
 120110
 120111
               26895
                       28615
                                   -1720
 120112
 120113
               26870 26550
                                   320
```

Figure 3: Q3/4-1 Expression & Output - Displays 12 of 424

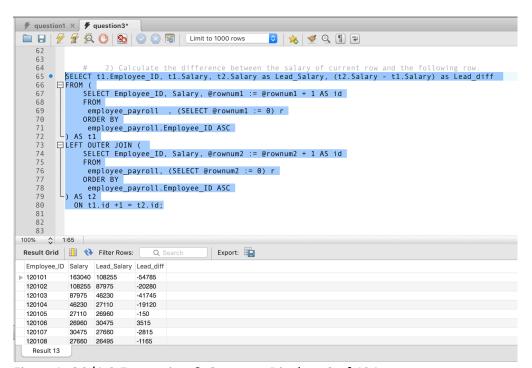


Figure 4: Q3/4-2 Expression & Output – Displays 8 of 424