Report

Title: Top 5 Bus Operated Report in Jan 2018

Purpose:

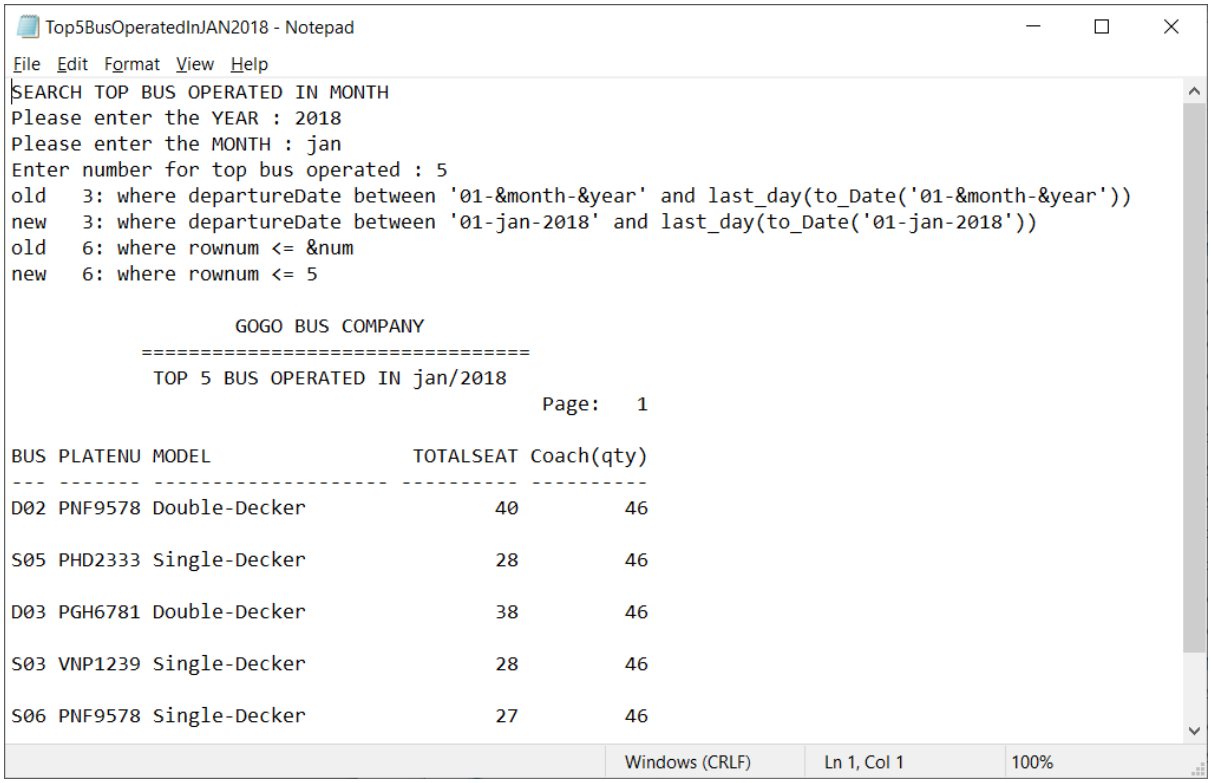
This report will help the bus management department to identify which bus did operate the most. Thus, they can identify which bus should have a maintenance first. Besides that, they can also assign the schedule more average for every bus.

topBusOperated - Notepad

File Edit Format View Help

```
set pagesize 30;
set linesize 54;

spool d:/Top5BusOperatedInJAN2018.txt

alter system flush buffer_cache

prompt SEARCH TOP BUS OPERATED IN MONTH

accept year char prompt 'Please enter the YEAR : '
accept month char prompt 'Please enter the MONTH : '
accept num char prompt 'Enter number for top bus operated : '


TTITLE CENTER 'GOGO BUS COMPANY' SKIP 1 -
CENTER ================================ SKIP 1 -
CENTER'TOP &num BUS OPERATED IN &month/&year' SKIP 1-
RIGHT 'Page:' FORMAT 999 SQL.PNO SKIP 2

break on busID skip 1

select * from (select DISTINCT b.BusID, plateNumber, model, totalseat, count(destination) as
"Coach(qty)"
from schedule s, bus b
where departureDate between '01-&month-&year' and last_day(to_Date('01-&month-&year'))
group by b.busID, plateNumber, model, totalSeat
order by count(destination) desc)
where rownum <= &num;

spool off
```

Windows (CRLF) Ln 29, Col 1 100%



Top5BusOperatedInJAN2018 - Notepad

File Edit Format View Help

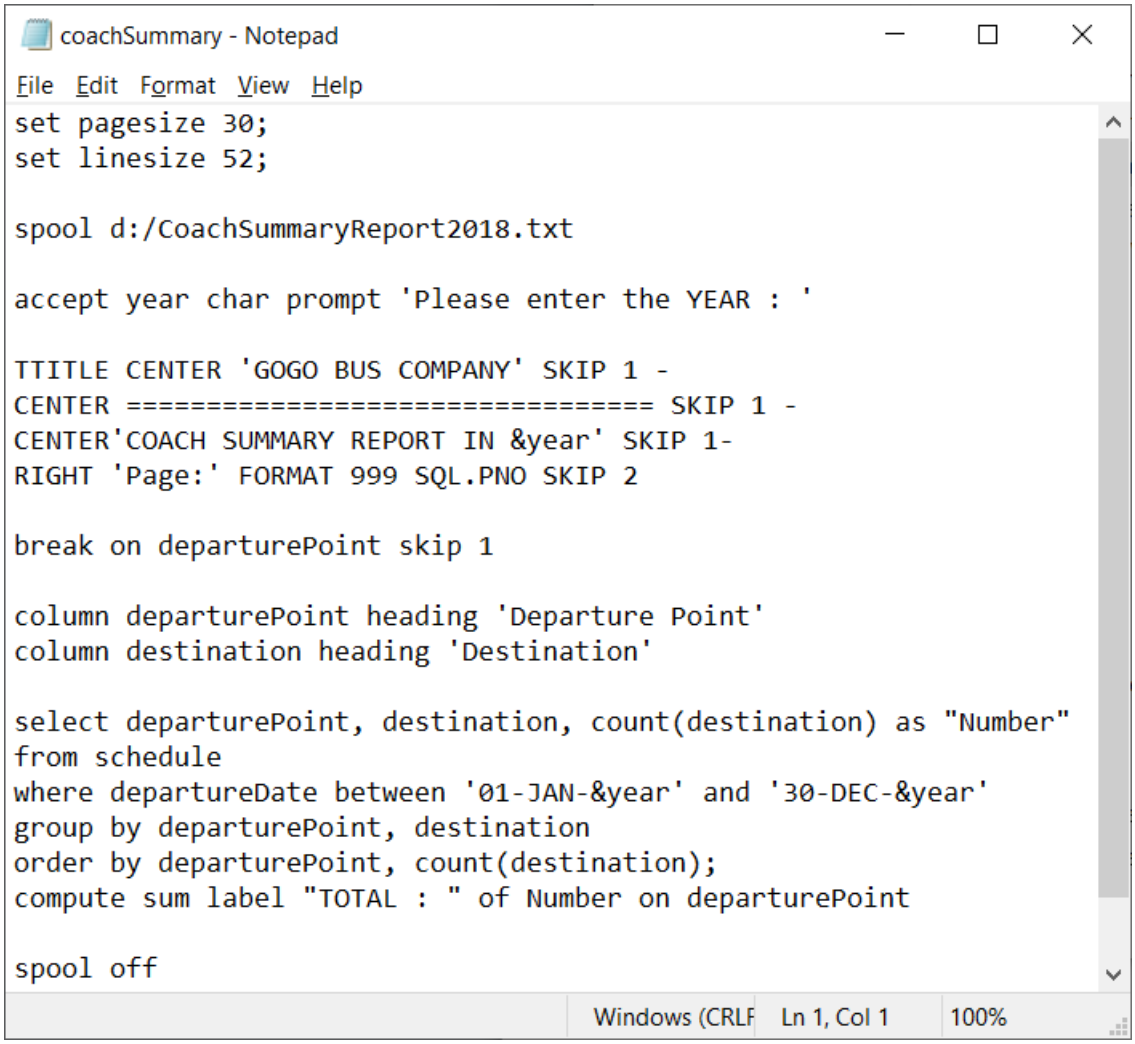
```
SEARCH TOP BUS OPERATED IN MONTH
Please enter the YEAR : 2018
Please enter the MONTH : jan
Enter number for top bus operated : 5
old   3: where departureDate between '01-&month-&year' and last_day(to_Date('01-&month-&year'))
new   3: where departureDate between '01-jan-2018' and last_day(to_Date('01-jan-2018'))
old   6: where rownum <= &num
new   6: where rownum <= 5

                  GOGO BUS COMPANY
           ================================
            TOP 5 BUS OPERATED IN jan/2018
                                        Page:   1

BUS PLATENU MODEL                TOTALSEAT Coach(qty)
--- ------- -------------------- ---------- ----------
D02 PNF9578 Double-Decker                40         46

S05 PHD2333 Single-Decker                28         46

D03 PGH6781 Double-Decker                38         46

S03 VNP1239 Single-Decker                28         46

S06 PNF9578 Single-Decker                27         46
```

Windows (CRLF) Ln 1, Col 1 100%

Title: Coach Summary Report In 2018

Purpose :

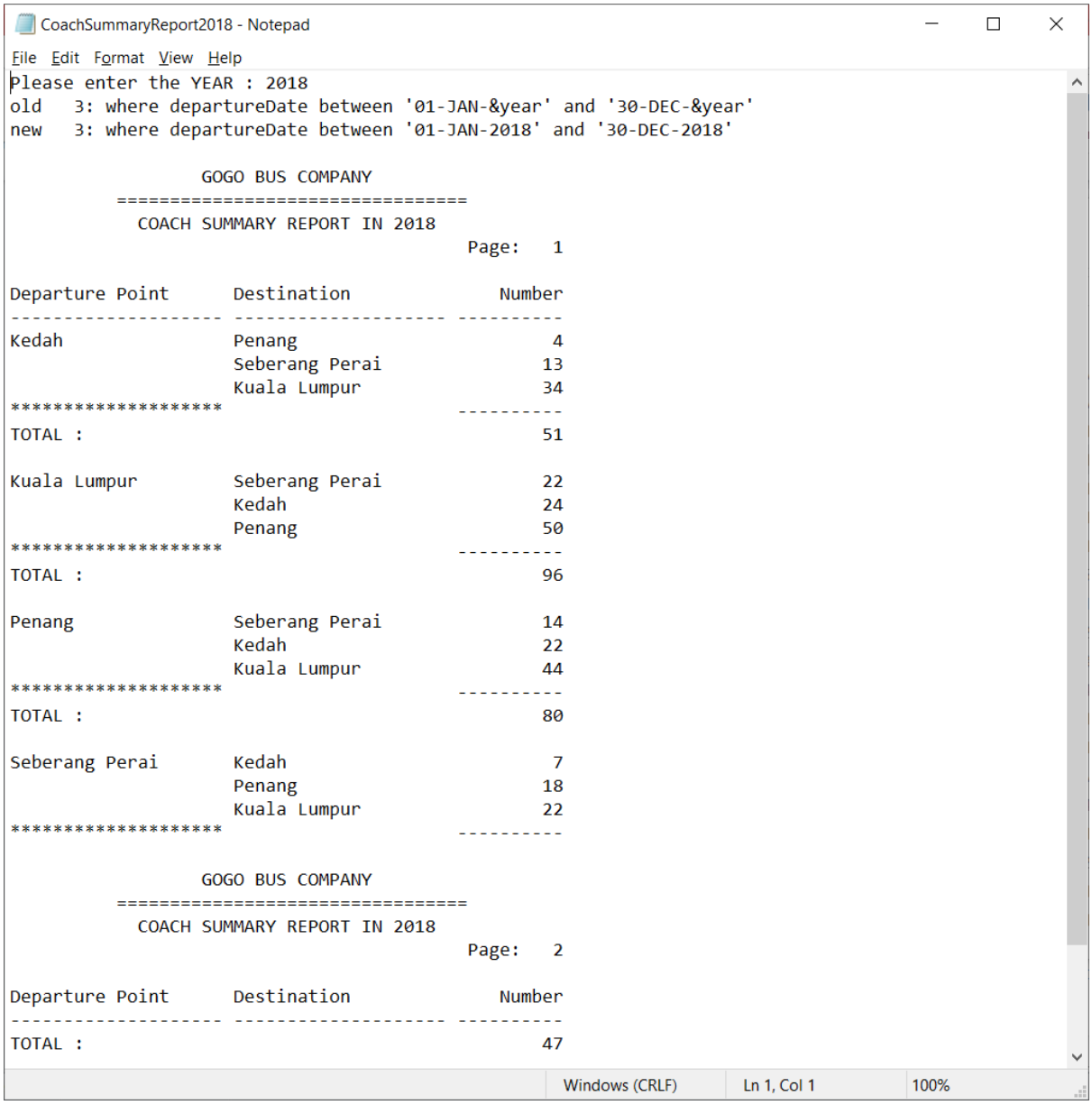
This report will assist the operational management to see clearly about the schedule of the year. Therefore, they can come out with a decision for next year schedule planning with the right ratio.


coachSummary - Notepad

File Edit Format View Help

```
set pagesize 30;
set linesize 52;

spool d:/CoachSummaryReport2018.txt

accept year char prompt 'Please enter the YEAR : '

TTITLE CENTER 'GOGO BUS COMPANY' SKIP 1 -
CENTER ================================= SKIP 1 -
CENTER'COACH SUMMARY REPORT IN &year' SKIP 1-
RIGHT 'Page:' FORMAT 999 SQL.PNO SKIP 2

break on departurePoint skip 1

column departurePoint heading 'Departure Point'
column destination heading 'Destination'

select departurePoint, destination, count(destination) as "Number"
from schedule
where departureDate between '01-JAN-&year' and '30-DEC-&year'
group by departurePoint, destination
order by departurePoint, count(destination);
compute sum label "TOTAL : " of Number on departurePoint

spool off
```

Windows (CRLF Ln 1, Col 1 100%



CoachSummaryReport2018 - Notepad

File Edit Format View Help

```
Please enter the YEAR : 2018
old   3: where departureDate between '01-JAN-&year' and '30-DEC-&year'
new   3: where departureDate between '01-JAN-2018' and '30-DEC-2018'

                GOGO BUS COMPANY
          ================================
            COACH SUMMARY REPORT IN 2018
                                        Page:   1

Departure Point      Destination              Number
-------------------- -------------------- ----------
Kedah                Penang                        4
                     Seberang Perai               13
                     Kuala Lumpur                 34
******************** ----------
TOTAL :                                           51

Kuala Lumpur         Seberang Perai               22
                     Kedah                        24
                     Penang                       50
******************** ----------
TOTAL :                                           96

Penang               Seberang Perai               14
                     Kedah                        22
                     Kuala Lumpur                 44
******************** ----------
TOTAL :                                           80

Seberang Perai       Kedah                         7
                     Penang                       18
                     Kuala Lumpur                 22
******************** ----------

                GOGO BUS COMPANY
          ================================
            COACH SUMMARY REPORT IN 2018
                                        Page:   2

Departure Point      Destination              Number
-------------------- -------------------- ----------
TOTAL :                                           47
```

Windows (CRLF) Ln 1, Col 1 100%

Title: Top 3 Worst Schedule In JAN 2018

Purpose:

This report will help the top management to identify the 3 worst schedules in a month. So that, they can identify the problem immediately and come out with a solution.

worstSchedule - Notepad

File Edit Format View Help

```
set pagesize 30
set linesize 89
spool d:/MonthlyTop3WorstScheduleInJun2018.txt

prompt  Search the Top Worst Schedule Reserved
prompt *--------------------------------------*
accept btm char prompt 'Enter the Number for Top worst Schedule Reserved : '
accept year char prompt'Enter YEAR : '
accept month char prompt'Enter MONTH : '

TTITLE CENTER 'GOGO BUS COMPANY' SKIP 1 -
CENTER ================================ SKIP 1 -
CENTER'Monthly Top &btm Worst Schedule in &month &year' SKIP 1-
RIGHT 'Page:' FORMAT 999 SQL.PNO SKIP 2

column departurePoint format A20
column destination format A20

column scheduleID heading 'Schedule ID'
column departurePoint heading 'Departure Point'
column destination heading 'Destination'
column departureDate heading 'Date'

Select * from
(Select c.scheduleID,c.departurePoint,c.destination,c.departureDate,b.TotalSeat,count(t.ticketID)
as "Ticket Sold"
From schedule c, ticket t, sales s,bus b
Where b.busid = c.busid and
      c.scheduleID = t.scheduleID and
      t.salesID = s.salesID and
      S_Date between '01-&month-&year' and last_day(to_Date('01-&month-&year'))
Group By c.departurePoint,c.destination,c.departureDate,c.scheduleID,b.TotalSeat
order by "Ticket Sold" asc)
where rownum <= &btm;

spool off
```

Windows (CRLF) Ln 1, Col 1 100%

MonthlyTop3WorstScheduleInJun2018 - Notepad

File Edit Format View Help

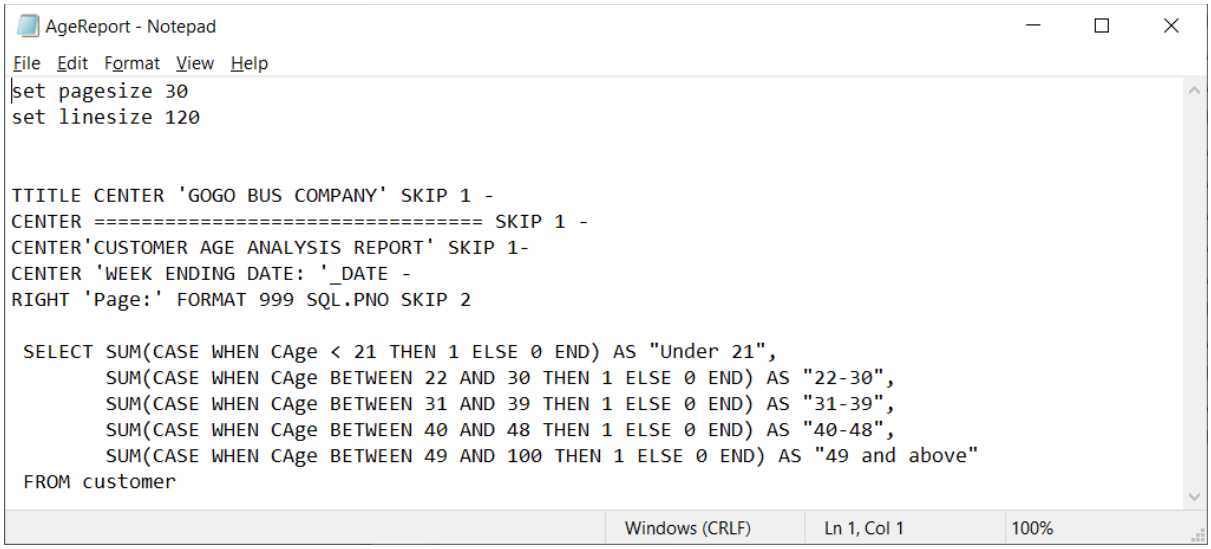
```
Search the Top Worst Schedule Reserved
*--------------------------------------*
Enter the Number for Top worst Schedule Reserved : 3
Enter YEAR : 2018
Enter MONTH : jun
old   7:       S_Date between '01-&month-&year' and last_day(to_Date('01-&month-&year'))
new   7:       S_Date between '01-jun-2018' and last_day(to_Date('01-jun-2018'))
old  10: where rownum <= &btm
new  10: where rownum <= 3

                                GOGO BUS COMPANY
                             ================================
                          Monthly Top 3 Worst Schedule in jun 2018
                                                                        Page:   1

Schedule ID    Departure Point      Destination          Date       TOTALSEAT Ticket Sold
-------------- -------------------- -------------------- --------- ---------- -----------
K201806061330P Kuala Lumpur         Penang               06-JUN-18         28           4
P201806041530K Penang               Kuala Lumpur         04-JUN-18         40           8
K201806291030P Kuala Lumpur         Penang               29-JUN-18         28          10
```

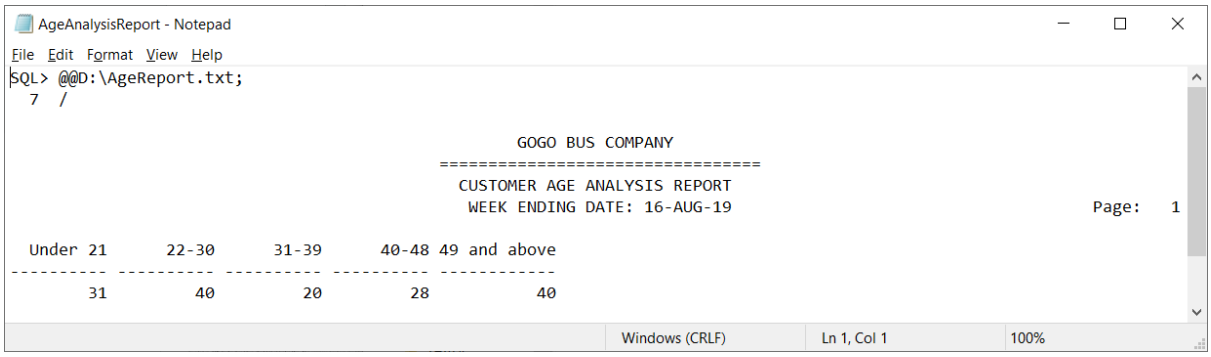
Windows (CRLF) Ln 1, Col 1 100%

Title: Customer Age Analysis Report

Purpose:

This report will display all the standard age ranges gained from existing data in the Customer database file to better help management identify and understand the organisation's demographic. This will help the whole organisation better utilised their resources to target a certain demographic which will increase the sales and growth of the organisation.





Title: Customer Gender Analysis Report

Purpose:

This report illustrates the total amount of customers who are male and female from existing data in the Customer database file, so that management may better identify and understand their demographic. This will help the whole organisation better utilised their resources to target a certain demographic which will increase the sales and growth of the organisation.

GenderReport - Notepad

File Edit Format View Help

```
set pagesize 30
set linesize 120


TTITLE CENTER 'GOGO BUS COMPANY' SKIP 1 -
CENTER ================================= SKIP 1 -
CENTER'CUSTOMER GENDER ANALYSIS REPORT' SKIP 1-
CENTER 'WEEK ENDING DATE: '_DATE -
RIGHT 'Page:' FORMAT 999 SQL.PNO SKIP 2



 SELECT SUM(CASE WHEN CGender = 'F' OR CGender = 'M' THEN 1 ELSE 0 END) AS "Amount Of Female
Customers",
        SUM(CASE WHEN CGender = 'F' THEN 1 ELSE 0 END) AS "Amount Of Female Customers",
        SUM(CASE WHEN CGender = 'M' THEN 1 ELSE 0 END) AS "Amount Of Male Customers"
 FROM Customer
```

Windows (CRLF) Ln 1, Col 1 100%

GenderAnalysisReport - Notepad

File Edit Format View Help

```
SQL> @@D:\GenderReport.txt;
SQL> /

                                        GOGO BUS COMPANY
                                    ================================
                                     CUSTOMER GENDER ANALYSIS REPORT
                                       WEEK ENDING DATE: 16-AUG-19                    Page:    1

Amount Of Female Customers Amount Of Female Customers Amount Of Male Customers
-------------------------- -------------------------- ------------------------
                       170                        100                       70

SQL> spool off;
```

Windows (CRLF) Ln 1, Col 1 100%

Title: Quarterly Bus Schedule Report

Purpose:

In this report, all the relevant information regarding the bus schedule will be sorted and listed to better let management see and understand the business operations carried out by the organisation during a particular quarter which can be chosen when requested by management. This report will let management see all the bus schedule to better understand what resources were carried out.

QuarterlyBusScheduleReport - Notepad

File Edit Format View Help

```
set pagesize 30
set linesize 120

TTITLE CENTER 'GOGO BUS COMPANY' SKIP 1 -
CENTER ================================= SKIP 2 -
CENTER'FOURTH QUARTER OF BUS SCHEDULE IN YEAR 2018'-
RIGHT _DATE  SKIP 1-
RIGHT 'Page:' FORMAT 999 SQL.PNO SKIP 2



break on busID on departurePoint on destination skip 2



SELECT b.BUSID, departurePoint,destination,SCHEDULEID
FROM BUS b, SCHEDULE s
WHERE s.BUSID = b.BUSID AND
departureDate BETWEEN '01-SEP-2018' AND '31-DEC-2018'
group by b.BUSID,SCHEDULEID,departurePoint,destination
order by b.BUSID,departurePoint,destination;
```

Windows (CRLF) Ln 1, Col 1 100%

Q4BusScheduleReport - Notepad

File Edit Format View Help

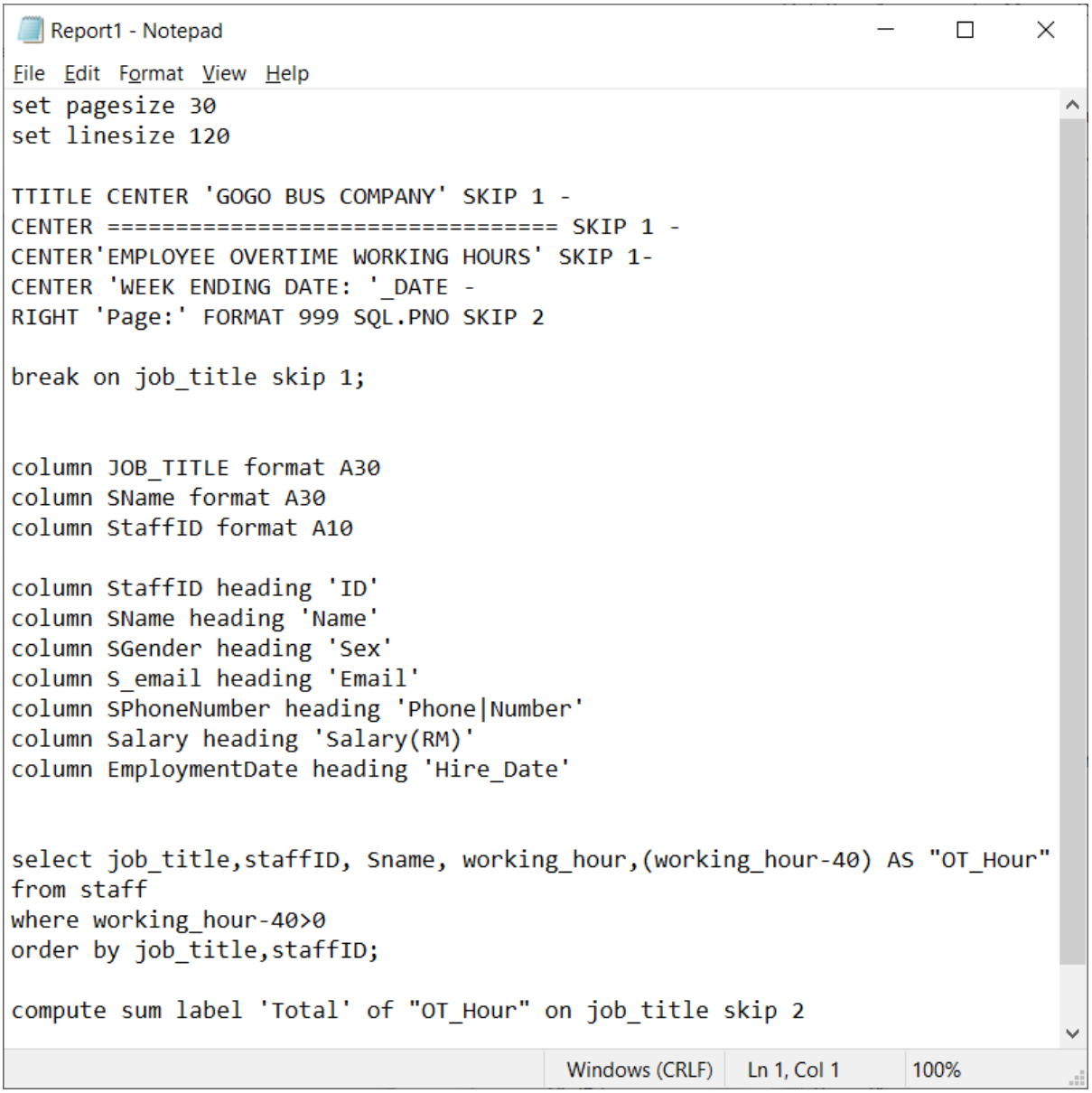
```
SQL> @@D:\QuarterlyBusScheduleReport.txt;

                                        GOGO BUS COMPANY
                                    =================================

                                  FOURTH QUARTER OF BUS SCHEDULE IN YEAR 2018                    16-AUG-19
                                                                                                 Page:   1

BUS DEPARTUREPOINT                DESTINATION                   SCHEDULEID
--- ------------------------------ ------------------------------ --------------
S01 Kuala Lumpur                  Penang                        K201809281530P
                                                                K201810271030P
                                                                K201811281530P
                                                                K201812061330P
                                                                K201812291030P


    Penang                        Kuala Lumpur                  P201809271330K
                                                                P201810051230K
                                                                P201810091030K
                                                                P201811101330K
                                                                P201811211130K
                                                                P201812041530K
                                                                P201812121230K
                                                                P201812211030K



13 rows selected.

SQL> spool off
```

Windows (CRLF) Ln 1, Col 1 100%

Title: Employee Overtime Working Hours Report

Purpose:

It assists Human Resources manager to generate report without calculating one by one. By using SQL, it will also reduce mistakes for calculation. The report shows all sales representatives and sales managers that they had work over time in the month.



EmployeeOvertime - Notepad

File Edit Format View Help

```
SQL> compute sum label 'Total' of "OT_Hour" on job_title skip 2
SQL> @@f:\Report1.txt;

                                        GOGO BUS COMPANY
                                      ================================
                                       EMPLOYEE OVERTIME WORKING HOURS
                                         WEEK ENDING DATE: 12-AUG-19                                    Page:   1

JOB_TITLE                    ID         Name                          WORKING_HOUR    OT_Hour
---------------------------- ---------- ----------------------------- ------------ ----------
Sales Manager                T0001      Andy Lau                                45          5
                             T0013      Alex Landi                              49          9
                             T0019      Li Jun Li                               47          7
                             T0025      Ellen Wong                              45          5
**************************                                                        ----------
Total                                                                                   26

Sales Representative         T0003      Jackie Chan                             50         10
                             T0005      Claudia Kim                             41          1
                             T0006      Lee Ki Hong                             43          3
                             T0009      Kelsey Chow                             48          8
                             T0012      Brenda Song                             47          7
                             T0014      Chris Pang                              60         20
                             T0015      Charles Melton                          52         12
                             T0017      Simu Liu                                43          3
                             T0020      Michelle Ang                            45          5
                             T0021      Greta Lee                               46          6
                             T0026      Celia Au                                48          8
                             T0027      Dev Patel                               49          9
                             T0028      Ken Kirby                               45          5
**************************                                                        ----------
Total                                                                                   97

17 rows selected.

SQL> spool off;
```

Windows (CRLF) Ln 1, Col 1 100%

Title: Top 3 Best Employee Sales Performance in Jun 2018

Purpose:

The report shows top 3 best employees that have good sales performance in the month of June. It also can motivate sales representative to get more sales in the following month. Additional bonus will also given based on the best sales performance

Report2 - Notepad

File Edit Format View Help

```
set pagesize 30
set linesize 120
alter system flush buffer_cache;

prompt Top Best Employee Sales Performance
prompt ==================================
accept tbsp char prompt 'Enter the number of employee >'
accept mon char prompt 'Enter the month(MON) >'

TTITLE CENTER 'GOGO BUS COMPANY' SKIP 1 -
CENTER ================================== SKIP 2 -

prompt
prompt Top &num Best Employee Sales Performance in &mon 2018
prompt  ====================================================
select * from(
        select t.SName AS "STAFF NAME",count(a.ticketID) AS "Total Sales"
        from Ticket a, sales s, Staff t, schedule p
        where a.salesID = s.SalesID AND
        s.StaffID = t.StaffID AND
        a.scheduleID = p.scheduleID AND
        departureDate between '01-&mon-18' AND last_day(to_Date('01-&mon-
18'))
        group by t.SName
        order by count (ticketID) desc)
where rownum <= &tbsp;
```

Windows (CRLF) Ln 1, Col 1 100%

Top3BestEmployeeSalesPerformance - Notepad

File Edit Format View Help

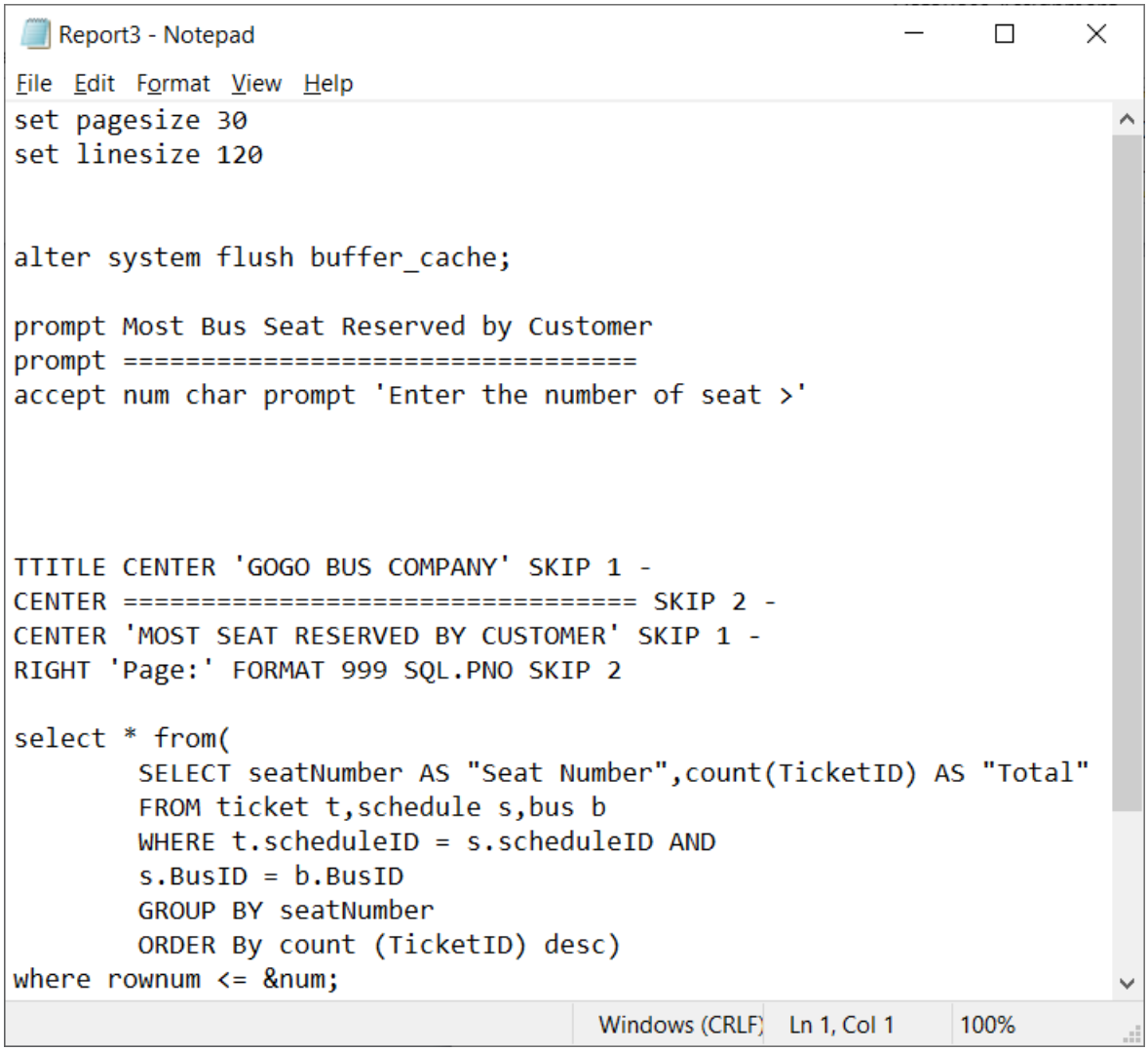
```
SQL> @@F:\Report2.txt;

System altered.

Top Best Employee Sales Performance
==================================
Enter the number of employee >3
Enter the month(MON) >Jun


Top 1 Best Employee Sales Performance in Jun 2018
=================================================
old   7:        departureDate between '01-&mon-18' AND last_day(to_Date('01-&mon-18'))
new   7:        departureDate between '01-Jun-18' AND last_day(to_Date('01-Jun-18'))
old  10: where rownum <= &tbsp
new  10: where rownum <= 3

                                        GOGO BUS COMPANY
                                      ====================
                                Top 3 Best Employee Sales Performance in Jun 2018
                                                                        Page:    1

STAFF NAME                    Total Sales
----------------------------- -----------
Brenda Song                            11
Jackie Chan                             9
Karan Brar                              8

SQL> spool off;
```

Windows (CRLF) Ln 1, Col 1 100%

Title: Most 4 bus seat reserved by customer

Purpose:

The reason of report to find out which seat is more comfortable for customers. Most of the customers like to reserve last row of the bus. This is because last row position of the seat might be slightly higher than other.



MostSeatReservedByCustomer - Notepad

File Edit Format View Help

```
SQL> @@d:\Report3.txt;

System altered.

Most Bus Seat Reserved by Customer
==================================
Enter the number of seat >4
old   8: where rownum <= &num
new   8: where rownum <= 4

                                          GOGO BUS COMPANY
                                        ==================================

                                         MOST SEAT RESERVED BY CUSTOMER
                                                                                Page:    1

Seat Number      Total
----------- ----------
         72         32
         71         32
         74         28
         73         26

SQL> spool off;
```

Windows (CRLF) Ln 19, Col 20 100%

Title: Yearly Sales Report

Purpose:

Use by the Sales Manager to show that which trips are the most reserved by customer in that year. Sales Manager can based on this to make some importance business decision such as add more number of schedule for trip good sales and reduce the schedule for trip bad sales.

Insert_Sales_Report - Notepad

File Edit Format View Help

```
set pagesize 30
set linesize 120
compute sum label 'Grand Total' of "Total Price(RM)" on departurePoint on destination SKIP 2

TTITLE CENTER 'GOGO BUS COMPANY' SKIP 1 -
CENTER ================================ SKIP 1 -
CENTER'Yearly Sales Report for 2018' SKIP 1-
RIGHT 'Page:' FORMAT 999 SQL.PNO SKIP 2

Break on departurePoint on destination SKIP 1
column departurePoint format A23
column destination format A23

column scheduleID heading 'Schedule ID'
column departureDate heading 'Date'
column departurePoint heading 'Departure Point'
column destination heading 'Destination'
column price heading 'Price(RM)'
column price format 99.90
column "Total Price(RM)" format 9999.99


Select c.departurePoint,c.destination,c.departureDate,t.price,count(t.ticketID) as "Ticket Sold(Qty)", t.price*count
(t.ticketID) as "Total Price(RM)"
From schedule c, ticket t, sales s
Where c.scheduleID = t.scheduleID and
      t.salesID = s.salesID and
      S_Date between '01-Jan-18' and '31-Dec-18'
Group By c.departurePoint,c.destination,t.price,c.departureDate
order by c.departurePoint;
```

Windows (CRLF) Ln 1, Col 1 100%

Yearly_Sales_Report_for_2018 - Notepad

File Edit Format View Help

```
SQL> @@ d:\Insert_Sales_Report.txt;
SP2-0084: COMPUTE ON keyword specified already

                                                GOGO BUS COMPANY
                                        =================================
                                          Yearly Sales Report for 2018
                                                                                                              Page:   1

Departure Point        Destination            Date      Price(RM) Ticket Sold(Qty) Total Price(RM)
---------------------- ---------------------- --------- --------- ---------------- ---------------
Kuala Lumpur           Penang                 28-MAR-18     42.50                8          340.00
                                              27-APR-18     42.50                8          340.00
                                              28-MAY-18     42.50                4          170.00
                                              06-JUN-18     42.50                4          170.00
                                              29-JUN-18     42.50               10          425.00
                                              01-JUL-18     42.50               27         1147.50
                                              28-SEP-18     42.50                6          255.00
                                              27-OCT-18     42.50                8          340.00
                                              28-NOV-18     42.50                4          170.00
                                              06-DEC-18     42.50                4          170.00
                                              29-DEC-18     42.50               14          595.00

********************** **********************                                     ---------------
Grand Total                                                                               4122.50

Penang                 Kuala Lumpur           08-FEB-18     42.50               12          510.00
                                              27-MAR-18     42.50                4          170.00
                                              05-APR-18     42.50                8          340.00
                                              09-APR-18     42.50                4          170.00
                                              10-MAY-18     42.50                8          340.00
                                              21-MAY-18     42.50                6          255.00
                                              04-JUN-18     42.50                8          340.00
                                              12-JUN-18     42.50               10          425.00
```

Windows (CRLF) Ln 1, Col 1 100%

Yearly_Sales_Report_for_2018 - Notepad

File Edit Format View Help

```
                                                GOGO BUS COMPANY
                                        =================================
                                          Yearly Sales Report for 2018
                                                                                                              Page:   2

Departure Point        Destination            Date      Price(RM) Ticket Sold(Qty) Total Price(RM)
---------------------- ---------------------- --------- --------- ---------------- ---------------
Penang                 Kuala Lumpur           21-JUN-18     42.50               12          510.00
                                              01-JUL-18     42.50               27         1147.50
                                              08-AUG-18     42.50               13          552.50
                                              27-SEP-18     42.50                3          127.50
                                              05-OCT-18     42.50               10          425.00
                                              09-OCT-18     42.50                4          170.00
                                              10-NOV-18     42.50                8          340.00
                                              21-NOV-18     42.50                6          255.00
                                              04-DEC-18     42.50                8          340.00
                                              29-DEC-18     42.50               22          935.00

********************** **********************                                     ---------------
Grand Total                                                                               7352.50

29 rows selected.

SQL> spool off;
```

Windows (CRLF) Ln 1, Col 1 100%

Title: Top 3 Most Schedule Reserved in Jun 2018

Purpose:

Use by the Sales Manager to show that which are the top 3 most schedule reserved by customer in Jun 2018. Based on this, Sales Manager can observe the seat reserved and seat leaf to estimate should add more schedules for specific time or trip.

Insert_Top_Schedule_Reserved - Notepad

File Edit Format View Help

```
set pagesize 30
set linesize 120

prompt  Search the Top Most Schedule Reserved
prompt *--------------------------------------*
accept top char prompt 'Enter the Number of Top Most Schedule Reserved>'
accept year char prompt'Enter Year>'
accept month char prompt'Enter Month>'

TTITLE CENTER 'GOGO BUS COMPANY' SKIP 1 -
CENTER ================================ SKIP 1 -
CENTER'Monthly Top &top Most Schedule Reserved by Percentage in &month &year' SKIP 1-
RIGHT 'Page:' FORMAT 999 SQL.PNO SKIP 2

column departurePoint format A25
column destination format A25

column scheduleID heading 'Schedule ID'
column departurePoint heading 'Departure Point'
column destination heading 'Destination'

Select * from
(Select c.scheduleID,c.departurePoint,c.destination,c.departureDate,b.TotalSeat,count(t.ticketID) as "Ticket Sold
(Qty)",b.TotalSeat - count(t.ticketID) as "Seat Left"
From schedule c, ticket t, sales s,bus b
Where b.busid = c.busid and
      c.scheduleID = t.scheduleID and
      t.salesID = s.salesID and
      S_Date between '01-&month-&year' and last_day(to_Date('01-&month-&year'))
Group By c.departurePoint,c.destination,c.departureDate,c.scheduleID,b.TotalSeat
order by "Ticket Sold(Qty)" desc)
where rownum <= &top;
```

Windows (CRLF) Ln 1, Col 1 100%

Top_Schedule_Reserved - Notepad

File Edit Format View Help

```
SQL> @@d:\Insert_Top_Schedule_Reserved.txt;
Search the Top Most Schedule Reserved
*--------------------------------------*
Enter the Number of Top Most Schedule Reserved>3
Enter Year>2018
Enter Month>Jun
old   7:       S_Date between '01-&month-&year' and last_day(to_Date('01-&month-&year'))
new   7:       S_Date between '01-Jun-2018' and last_day(to_Date('01-Jun-2018'))
old  10: where rownum <= &top
new  10: where rownum <= 3

                                        GOGO BUS COMPANY
                                    ================================
                                Monthly Top 3 Most Schedule Reserved in Jun 2018
                                                                                Page:    1

Schedule ID    Departure Point           Destination               DEPARTURE  TOTALSEAT Ticket Sold(Qty)  Seat Left
-------------- ------------------------- ------------------------- --------- ---------- ---------------- ----------
K201807011030P Kuala Lumpur              Penang                    01-JUL-18         28               27          1
P201807011030K Penang                    Kuala Lumpur              01-JUL-18         27               27          0
P201806211030K Penang                    Kuala Lumpur              21-JUN-18         28               12         16

SQL> spool off;
```

Windows (CRLF) Ln 1, Col 1 100%

Title: Top 2 Most Trip Reserved by Percentage in Jun 2018

Purpose:

Use by the Sales Manager to show that which are the top 2 most trips reserved by percentage in Jun 2018. Sales Manager can see exactly how many percent of seats are reserved by customer to support him or her in decision making.

Insert_Top_Trip_Reserved - Notepad

File Edit Format View Help

```
set pagesize 30
set linesize 120

prompt  Search Top Most Trip Reserved by Percentage
prompt *-----------------------------------------*
accept top char prompt'Enter the Number of Most Trip Reserved by Percentage>'
accept year char prompt'Enter Year>'
accept month char prompt'Enter Month>'

TTITLE CENTER 'GOGO BUS COMPANY' SKIP 1 -
CENTER ================================ SKIP 1 -
CENTER'Top &top Most Trip Reserved by Percentage in &month &year' SKIP 1-
RIGHT 'Page:' FORMAT 999 SQL.PNO SKIP 2

column departurePoint format A25
column destination format A25

column departurePoint heading 'Departure Point'
column destination heading 'Destination'
column "Percentage of Reserved(%)" format 990.99

Select * from
(Select c.departurePoint,c.destination,sum(b.TotalSeat) as "Seat Available",count(t.ticketID) as "Ticket Sold
(Qty)",count(t.ticketID)/sum(b.TotalSeat) as "Percentage of Reserved(%)"
From schedule c, ticket t, sales s,bus b
Where b.busid = c.busid and
      c.scheduleID = t.scheduleID and
      t.salesID = s.salesID and
      S_Date between '01-&month-&year' and last_day(to_Date('01-&month-&year'))
Group By c.departurePoint,c.destination
order by "Percentage of Reserved(%)" desc)
where rownum <= &top
```

Windows (CRLF) Ln 1, Col 1 100%

Top_Trip_Reserved - Notepad

File Edit Format View Help

```
SQL> @@ D:\Insert_Top_Trip_Reserved.txt;
Search Top Most Trip Reserved by Percentage
*-----------------------------------------*
Enter the Number of Most Trip Reserved by Percentage>2
Enter Year>2018
Enter Month>Jun
 11  /
old   7:       S_Date between '01-&month-&year' and last_day(to_Date('01-&month-&year'))
new   7:       S_Date between '01-Jun-2018' and last_day(to_Date('01-Jun-2018'))
old  10: where rownum <= &top
new  10: where rownum <= 2

                                        GOGO BUS COMPANY
                                    ================================
                                Top 2 Most Trip Reserved by Percentage in Jun 2018
                                                                                Page:   1

Departure Point           Destination               Seat Available Ticket Sold(Qty) Percentage of Reserved(%)
------------------------- ------------------------- -------------- ---------------- -------------------------
Kuala Lumpur              Penang                              1148               41                      0.04
Penang                    Kuala Lumpur                        1655               57                      0.03

SQL> spool off;
```

Windows (CRLF) Ln 1, Col 1 100%

Title: **Yearly employee employment date**

Purpose:

This report let user to key in which year he or her would like to get the employee employment date. By this report information, manager can decide to give training program or increase salary based on employee working experience.

edate - Notepad

File Edit Format View Help

```
set pagesize 30
set linesize 120

prompt   Yearly Employees Employment Date
prompt *-----------------------------------*
accept year char prompt'Enter Year>'


TTITLE CENTER 'GOGO BUS COMPANY' SKIP 1 -
CENTER ================================= SKIP 1 -
CENTER'Employment Date in &year' SKIP 1-
RIGHT 'Page:' FORMAT 999 SQL.PNO SKIP 2

column JOB_TITLE format A30
column SName format A30
column StaffID format A10

column StaffID heading 'ID'
column SName heading 'Name'
column SGender heading 'Sex'
column S_email heading 'Email'
column SPhoneNumber heading 'Phone|Number'
column Salary heading 'Salary(RM)'
column EmploymentDate heading 'Hire_Date'


select * from
(select StaffID,SName,SGender,JOB_TITLE,SPhoneNumber,Salary,EmploymentDate
from staff
where EmploymentDate between '01-Jan-&year' and last_day(to_Date('01-Dec-&year'))
order by EmploymentDate);
```

Windows (CRLF) Ln 1, Col 1 100%

employmentDate - Notepad

File Edit Format View Help

```
SQL> @@G:\edate.txt;
Yearly Employees Employment Date
*-----------------------------------*
Enter Year>2006
old   4: where EmploymentDate between '01-Jan-&year' and last_day(to_Date('01-Dec-&year'))
new   4: where EmploymentDate between '01-Jan-2006' and last_day(to_Date('01-Dec-2006'))
```

```
                                        GOGO BUS COMPANY
                                      ==================
                                     Employment Date in 2006
                                                                                                    Page:    1

                                                                                  Phone
ID         Name                           Sex JOB_TITLE                       Number     Salary(RM) Hire_Date
---------- ------------------------------ --- ------------------------------ ---------- ---------- ---------
T0008      Arden Cho                      F   Sales Representative           0185221616       4500 01-JAN-06
T0009      Kelsey Chow                    F   Sales Representative           0194339595       4500 01-MAR-06
T0010      Ian Chen                       M   Sales Representative           0174111919       4500 01-MAR-06
T0011      Karan Brar                     M   Sales Representative           0168559797       4400 15-AUG-06
T0012      Brenda Song                    F   Sales Representative           0125567474       4400 01-SEP-06
T0013      Alex Landi                     M   Sales Manager                  0168441694      10200 01-SEP-06
T0014      Chris Pang                     M   Sales Representative           0189483535       4300 01-NOV-06
T0015      Charles Melton                 M   Sales Representative           0194339595       4300 01-DEC-06
T0016      Lana Condor                    F   Sales Representative           0174117474       4300 01-DEC-06
T0017      Simu Liu                       M   Sales Representative           0166264848       4300 15-DEC-06

10 rows selected.

SQL> spool off;
```

Title: Employee working hours < 40 hours

Purpose:

Manager can use the report data to detect which employee work less than 40 hour and calculate how much hours they need to duty to replace for their working hour.

Employee - Notepad

File Edit Format View Help

```
set pagesize 30
set linesize 120

TTITLE CENTER 'GOGO BUS COMPANY' SKIP 1 -
CENTER ================================ SKIP 1 -
CENTER'EMPLOYEE WORKING HOURS < 40 HOURS' SKIP 1-
CENTER 'WEEK ENDING DATE: '_DATE -
RIGHT 'Page:' FORMAT 999 SQL.PNO SKIP 2

break on Job_title skip 2


column JOB_TITLE format A30
column SName format A30
column StaffID format A10

column StaffID heading 'ID'
column SName heading 'Name'
column SGender heading 'Sex'
column S_email heading 'Email'
column SPhoneNumber heading 'Phone|Number'
column Salary heading 'Salary(RM)'
column EmploymentDate heading 'Hire_Date'


select job_title,staffID, Sname, working_hour,ABS((working_hour-40)) AS
"Replace hoursspool"
from staff
where working_hour<40
order by job_title,staffID;
```

Windows (CRLF) Ln 6, Col 37 100%

EmployeeHourLessThan40 - Notepad

File Edit Format View Help

```
SQL> @@F:\Employee.txt;

                                        GOGO BUS COMPANY
                                      ================================
                                      EMPLOYEE WORKING HOURS < 40 HOURS
                                         WEEK ENDING DATE: 15-AUG-19                                    Page:    1

JOB_TITLE                      ID         Name                           WORKING_HOUR Replace hoursspool
------------------------------ ---------- ------------------------------ ------------ ------------------
Sales Representative           T0008      Arden Cho                                37                  3
                               T0010      Ian Chen                                 31                  9
                               T0018      Christine Ko                             37                  3
                               T0023      Sam Li                                   34                  6



SQL> spool off;
```

Windows (CRLF) Ln 1, Col 1 100%

Title: Top 3 most sales date

Purpose:

This report help manager to realize which day has generate more sales. With this information, manager can decide to increase bus schedule to make sure the max profit of that day.

saleDate - Notepad

File Edit Format View Help

```
set pagesize 30
set linesize 120

prompt  Search the Top Most Sales Date
prompt *--------------------------------------*
accept top char prompt 'Enter the Number of Top Most Sales Date>'
accept year char prompt'Enter Year>'
accept month char prompt'Enter Month>'

TTITLE CENTER 'GOGO BUS COMPANY' SKIP 1 -
CENTER ================================= SKIP 1 -
CENTER'Monthly Top &top Most Sales Date in &month &year' SKIP 1-
RIGHT 'Page:' FORMAT 999 SQL.PNO SKIP 2


Select * from
(Select S_Date, COUNT(ticketID) as "Ticket Sold(Qty)"
From  ticket t, sales s
Where t.salesID = s.salesID and
      S_Date between '01-&month-&year' and last_day(to_Date('01-&month-&year'))
Group By S_Date
order by "Ticket Sold(Qty)" DESC)
where rownum <= &top;
```

Windows (CRLF) Ln 1, Col 1 100%

salesDate - Notepad

File Edit Format View Help

```
SQL> @@E:/saleDate.txt;
Search the Top Most Sales Date
*--------------------------------------*
Enter the Number of Top Most Sales Date>3
Enter Year>2018
Enter Month>Jun
old   5:       S_Date between '01-&month-&year' and last_day(to_Date('01-&month-&year'))
new   5:       S_Date between '01-Jun-2018' and last_day(to_Date('01-Jun-2018'))
old   8: where rownum <= &top
new   8: where rownum <= 3

                                        GOGO BUS COMPANY
                                    ================================
                                  Monthly Top 3 Most Sales Date in Jun 2018
                                                                                Page:   1

S_DATE    Ticket Sold(Qty)
--------- ----------------
02-JUN-18               21
25-JUN-18               17
27-JUN-18               16

SQL> spool off;
```

Windows (CRLF) Ln 1, Col 1 100%