21se02ml006

Tables:

```
SQL>    create table Customer
  2  (CustId varchar(5) primary key,
  3   CustName varchar(20),
  4   CustAdd varchar(50),
  5   Phone number(10),
  6  Email varchar2(25));

Table created.

SQL> desc Customer;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 CUSTID                                    NOT NULL VARCHAR2(5)
 CUSTNAME                                            VARCHAR2(20)
 CUSTADD                                             VARCHAR2(50)
 PHONE                                               NUMBER(10)
 EMAIL                                               VARCHAR2(25)
```

```
SQL> insert into Customer values ('&CustId', '&CustName' , '&CustAdd' , &Phone , '&Email' );
Enter value for custid: C0001
Enter value for custname: AmitSaha
Enter value for custadd: L-10,Pitampura
Enter value for phone: 4564587852
Enter value for email: amitsaha2@gmail.com
old   1: insert into Customer values ('&CustId', '&CustName' , '&CustAdd' , &Phone , '&Email' )
new   1: insert into Customer values ('C0001', 'AmitSaha' , 'L-10,Pitampura' , 4564587852 , 'amitsaha2@gmail.com' )

1 row created.

SQL> /
Enter value for custid: C0002
Enter value for custname: Rehnuma
Enter value for custadd: J-12 , saket
Enter value for phone: 5527688761
Enter value for email: rehnuma@hotmail.com
old   1: insert into Customer values ('&CustId', '&CustName' , '&CustAdd' , &Phone , '&Email' )
new   1: insert into Customer values ('C0002', 'Rehnuma' , 'J-12 , saket' , 5527688761 , 'rehnuma@hotmail.com' )

1 row created.
```

21se02ml006

```
SQL> /
Enter value for custid: C0003
Enter value for custname: CharviNayyar
Enter value for custadd: 10/9 , FF , Rohini
Enter value for phone: 6811635425
Enter value for email: charvi123@yahoo.com
old   1: insert into Customer values ('&CustId', '&CustName' , '&CustAdd' , &Phone , '&Email' )
new   1: insert into Customer values ('C0003', 'CharviNayyar' , '10/9 , FF , Rohini' , 6811635425 , 'charvi123@yahoo.com' )

1 row created.

SQL> /
Enter value for custid: C0004
Enter value for custname: Gurpreet
Enter value for custadd: A-10/2,SF,MayurVihar
Enter value for phone: 3511056125
Enter value for email: gur_singh@yahoo.com
old   1: insert into Customer values ('&CustId', '&CustName' , '&CustAdd' , &Phone , '&Email' )
new   1: insert into Customer values ('C0004', 'Gurpreet' , 'A-10/2,SF,MayurVihar' , 3511056125 , 'gur_singh@yahoo.com' )

1 row created.
```

```
SQL> select * from Customer;

CUSTI CUSTNAME           CUSTADD
----- ------------------ ------------------------------------------------
     PHONE EMAIL
---------- ------------------------
C0001 AmitSaha           L-10,Pitampura
4564587852 amitsaha2@gmail.com

C0002 Rehnuma            J-12 , saket
5527688761 rehnuma@hotmail.com

C0003 CharviNayyar       10/9 , FF , Rohini
6811635425 charvi123@yahoo.com


CUSTI CUSTNAME           CUSTADD
----- ------------------ ------------------------------------------------
     PHONE EMAIL
---------- ------------------------
C0004 Gurpreet           A-10/2,SF,MayurVihar
3511056125 gur_singh@yahoo.com
```

21se02ml006

```
SQL> create table Inventory
  2     (CarId varchar(4) primary key,
  3      CarName varchar(4),
  4      Price varchar(10),
  5      Model varchar(10),
  6      YearManufacture number(4),
  7      Fueltype varchar(10));

Table created.

SQL> insert into Inventory values('&CarId','&CarName','&Price','&Model',&YearManufacture,'&Fueltype');
Enter value for carid: D001
Enter value for carname: Car1
Enter value for price: 582613.00
Enter value for model: LXI
Enter value for yearmanufacture: 2017
Enter value for fueltype: Petrol
old   1: insert into Inventory values('&CarId','&CarName','&Price','&Model',&YearManufacture,'&Fueltype')
new   1: insert into Inventory values('D001','Car1','582613.00','LXI',2017,'Petrol')

1 row created.

SQL> /
Enter value for carid: D002
Enter value for carname: Car1
Enter value for price: 673112.00
Enter value for model: VXI
Enter value for yearmanufacture: 2018
Enter value for fueltype: Petrol
old   1: insert into Inventory values('&CarId','&CarName','&Price','&Model',&YearManufacture,'&Fueltype')
new   1: insert into Inventory values('D002','Car1','673112.00','VXI',2018,'Petrol')

1 row created.
```

```
SQL> /
Enter value for carid: E001
Enter value for carname: Car3
Enter value for price: 355205.00
Enter value for model: 5 STR STD
Enter value for yearmanufacture: 2017
Enter value for fueltype: CNG
old   1: insert into Inventory values('&CarId','&CarName','&Price','&Model',&YearManufacture,'&Fueltype')
new   1: insert into Inventory values('E001','Car3','355205.00','5 STR STD',2017,'CNG')

1 row created.

SQL> /
Enter value for carid: E002
Enter value for carname: Car3
Enter value for price: 654914.00
Enter value for model: CARE
Enter value for yearmanufacture: 2018
Enter value for fueltype: CNG
old   1: insert into Inventory values('&CarId','&CarName','&Price','&Model',&YearManufacture,'&Fueltype')
new   1: insert into Inventory values('E002','Car3','654914.00','CARE',2018,'CNG')

1 row created.

SQL> /
Enter value for carid: S001
Enter value for carname: Car4
Enter value for price: 514000.00
Enter value for model: LXI
Enter value for yearmanufacture: 2017
Enter value for fueltype: Petrol
old   1: insert into Inventory values('&CarId','&CarName','&Price','&Model',&YearManufacture,'&Fueltype')
new   1: insert into Inventory values('S001','Car4','514000.00','LXI',2017,'Petrol')

1 row created.

SQL> /
Enter value for carid: S002
Enter value for carname: Car4
Enter value for price: 614000.00
Enter value for model: VXI
Enter value for yearmanufacture: 2018
Enter value for fueltype: Petrol
old   1: insert into Inventory values('&CarId','&CarName','&Price','&Model',&YearManufacture,'&Fueltype')
new   1: insert into Inventory values('S002','Car4','614000.00','VXI',2018,'Petrol')

1 row created.
```

```
SQL> select * from Inventory;

CARI CARN PRICE      MODEL      YEARMANUFACTURE FUELTYPE
---- ---- ---------- ---------- --------------- ----------
D001 Car1 582613.00  LXI                   2017 Petrol
D002 Car1 673112.00  VXI                   2018 Petrol
B001 Car2 567031.00  Sigma1.2              2019 Petrol
B002 Car2 647858.00  Deltal.2              2018 Petrol
E001 Car3 355205.00  5 STR STD             2017 CNG
E002 Car3 654914.00  CARE                  2018 CNG
S001 Car4 514000.00  LXI                   2017 Petrol
S002 Car4 614000.00  VXI                   2018 Petrol

8 rows selected.
```

```
SQL> create table Employee
  2       (EmpId varchar(5) primary key,
  3       EmpName char(10), DOB date, DOJ date, Designation char(15), Salary number(6));

Table created.

SQL> desc Employee;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 EMPID                                     NOT NULL VARCHAR2(5)
 EMPNAME                                            CHAR(10)
 DOB                                                DATE
 DOJ                                                DATE
 DESIGNATION                                        CHAR(15)
 SALARY                                             NUMBER(6)
```

```
SQL>
SQL> insert into Employee values('&EmpId','&EmpName','&DOB' ,'&DOJ' , '&Designation',&Salary);
Enter value for empid: E001
Enter value for empname: Rushil
Enter value for dob: 1994 jul 10
Enter value for doj: 2017 dec 12
Enter value for designation: Salesman
Enter value for salary: 25550
old   1: insert into Employee values('&EmpId','&EmpName','&DOB' ,'&DOJ' , '&Designation',&Salary)
new   1: insert into Employee values('E001','Rushil','1994 jul 10' ,'2017 dec 12' , 'Salesman',25550)
insert into Employee values('E001','Rushil','1994 jul 10' ,'2017 dec 12' , 'Salesman',25550)
                                                     *
ERROR at line 1:
ORA-01861: literal does not match format string


SQL> insert into Employee values('&EmpId','&EmpName','&DOB' ,'&DOJ' , '&Designation',&Salary);
Enter value for empid: E001
Enter value for empname: Rushil
Enter value for dob: 10 jul 1994
Enter value for doj: 12 dec 2017
Enter value for designation: Salesman
Enter value for salary: 25550
old   1: insert into Employee values('&EmpId','&EmpName','&DOB' ,'&DOJ' , '&Designation',&Salary)
new   1: insert into Employee values('E001','Rushil','10 jul 1994' ,'12 dec 2017' , 'Salesman',25550)

1 row created.

SQL> /
Enter value for empid: E002
Enter value for empname: Sanjay
Enter value for dob: 10 mar 1990
Enter value for doj: 5 jun 2016
Enter value for designation: Salesman
Enter value for salary: 33100
old   1: insert into Employee values('&EmpId','&EmpName','&DOB' ,'&DOJ' , '&Designation',&Salary)
new   1: insert into Employee values('E002','Sanjay','10 mar 1990' ,'5 jun 2016' , 'Salesman',33100)

1 row created.
```

```
SQL> /
Enter value for empid: E003
Enter value for empname: Zohar
Enter value for dob: 30 aug 1975
Enter value for doj: 1 aug 1999
Enter value for designation: Poen
Enter value for salary:              `
old   1: insert into Employee values('&EmpId','&EmpName','&DOB' ,'&DOJ' , '&Designation',&Salary)
new   1: insert into Employee values('E003','Zohar','30 aug 1975' ,'1 aug 1999' , 'Poen',          `)
insert into Employee values('E003','Zohar','30 aug 1975' ,'1 aug 1999' , 'Poen',          `)
                                                                                          *
ERROR at line 1:
ORA-00911: invalid character


SQL>
SQL> /
Enter value for empid: E003
Enter value for empname: Zohar
Enter value for dob: 30 aug 1975
Enter value for doj: 1 aug 1999
Enter value for designation: Peon
Enter value for salary: 20000
old   1: insert into Employee values('&EmpId','&EmpName','&DOB' ,'&DOJ' , '&Designation',&Salary)
new   1: insert into Employee values('E003','Zohar','30 aug 1975' ,'1 aug 1999' , 'Peon',20000)

1 row created.

SQL> /
Enter value for empid: E004
Enter value for empname: Arpit
Enter value for dob: 6 jun 1989
Enter value for doj: 2 dec 2010
Enter value for designation: Salesman
Enter value for salary: 39100
old   1: insert into Employee values('&EmpId','&EmpName','&DOB' ,'&DOJ' , '&Designation',&Salary)
new   1: insert into Employee values('E004','Arpit','6 jun 1989' ,'2 dec 2010' , 'Salesman',39100)

1 row created.

SQL> /
Enter value for empid: E006
Enter value for empname: Sanjucta
Enter value for dob: 3 nov 1985
Enter value for doj: 1 jul 2012
Enter value for designation: Receptionist
Enter value for salary: 27350
old   1: insert into Employee values('&EmpId','&EmpName','&DOB' ,'&DOJ' , '&Designation',&Salary)
new   1: insert into Employee values('E006','Sanjucta','3 nov 1985' ,'1 jul 2012' , 'Receptionist',27350)

1 row created.
```

21se02ml006

```
SQL> /
Enter value for empid: E007
Enter value for empname: Mayank
Enter value for dob: 3 april 1993
Enter value for doj: 1 jan 2017
Enter value for designation: Salesman
Enter value for salary: 27352
old   1: insert into Employee values('&EmpId','&EmpName','&DOB' ,'&DOJ' , '&Designation',&Salary)
new   1: insert into Employee values('E007','Mayank','3 april 1993' ,'1 jan 2017' , 'Salesman',27352)

1 row created.
```

```
SQL>
SQL> /
Enter value for empid: E010
Enter value for empname: Rajkumar
Enter value for dob: 26 feb 1987
Enter value for doj: 23 oct 2013
Enter value for designation: Salesman
Enter value for salary: 31111
old   1: insert into Employee values('&EmpId','&EmpName','&DOB' ,'&DOJ' , '&Designation',&Salary)
new   1: insert into Employee values('E010','Rajkumar','26 feb 1987' ,'23 oct 2013' , 'Salesman',31111)

1 row created.

SQL> select * from Employee;

EMPID EMPNAME     DOB       DOJ       DESIGNATION      SALARY
----- ---------- --------- --------- --------------- ----------
E001  Rushil     10-JUL-94 12-DEC-17 Salesman           25550
E002  Sanjay     10-MAR-90 05-JUN-16 Salesman           33100
E003  Zohar      30-AUG-75 01-AUG-99 Peon               20000
E004  Arpit      06-JUN-89 02-DEC-10 Salesman           39100
E006  Sanjucta   03-NOV-85 01-JUL-12 Receptionist       27350
E007  Mayank     03-APR-93 01-JAN-17 Salesman           27352
E010  Rajkumar   26-FEB-87 23-OCT-13 Salesman           31111

7 rows selected.
```

```
SQL>  create table Sales
  2       (InvoiceNo varchar(6) primary key,
  3    CarId REFERENCES  Inventory(CarId),
  4  CustId REFERENCES  Customer(CustId),
  5  SaleDate date, PaymentMode char(15) ,EmpID REFERENCES  Employee(EmpId) , SalePrice varchar(10));

Table created.
```

```
SQL> Insert into Sales values ('&InvoiceNo' , '&CarId' , '&CustId' , '&SaleDate' ,'&PaymentMode' , '&EmpID' , '&SalePrice');
Enter value for invoiceno: I00001
Enter value for carid: D001
Enter value for custid: C0001
Enter value for saledate: 24 jan 2019
Enter value for paymentmode: Credit Card
Enter value for empid: E004
Enter value for saleprice: 613247.00
old   1: Insert into Sales values ('&InvoiceNo' , '&CarId' , '&CustId' , '&SaleDate' ,'&PaymentMode' , '&EmpID' , '&SalePrice')
new   1: Insert into Sales values ('I00001' , 'D001' , 'C0001' , '24 jan 2019' ,'Credit Card' , 'E004' , '613247.00')

1 row created.
```

```
SQL> Insert into Sales values ('&InvoiceNo' , '&CarId' , '&CustId' , '&SaleDate' , '&PaymentMode' , '&EmpID' , '&SalePrice');
Enter value for invoiceno: I00005
Enter value for carid: E001
Enter value for custid: C0003
Enter value for saledate: 20 dec 2018
Enter value for paymentmode: cedit card
Enter value for empid: E002
Enter value for saleprice: 369310.00
old   1: Insert into Sales values ('&InvoiceNo' , '&CarId' , '&CustId' , '&SaleDate' , '&PaymentMode' , '&EmpID' , '&SalePrice')
new   1: Insert into Sales values ('I00005' , 'E001' , 'C0003' , '20 dec 2018' , 'cedit card' , 'E002' , '369310.00')

1 row created.

SQL> /
Enter value for invoiceno: I00006
Enter value for carid: S002
Enter value for custid: C0002
Enter value for saledate: 30 jan 2019
Enter value for paymentmode: bank finance
Enter value for empid: E007
Enter value for saleprice: 620214.00
old   1: Insert into Sales values ('&InvoiceNo' , '&CarId' , '&CustId' , '&SaleDate' , '&PaymentMode' , '&EmpID' , '&SalePrice')
new   1: Insert into Sales values ('I00006' , 'S002' , 'C0002' , '30 jan 2019' , 'bank finance' , 'E007' , '620214.00')

1 row created.
```

```
INVOIC CARI CUSTI SALEDATE   PAYMENTMODE       EMPID SALEPRICE
------ ---- ----- ---------- ---------------- ----- ----------
I00001 D001 C0001 24-JAN-19  Credit card       E004  613247.00
I00002 S001 C0002 12-DEC-18  Online            E001  590321.00
I00003 S002 C0004 25-JAN-19  Cheque            E010  604000.00
I00004 D002 C0001 15-OCT-18  Bank Finance      E007  659982.00
I00005 E001 C0003 20-DEC-18  Credit Card       E002  369310.00
I00006 S002 C0002 30-JAN-19  Bank Finance      E007  620214.00

6 rows selected.
```

Queries on Aggregate Functions:
1. Display the total number of records from table INVENTORY having a model as VXI.

```
SQL> select count(*) from Inventory where Model = 'VXI';

  COUNT(*)
---------
        2
```

2. Display the total number of different types of Models available from table INVENTORY.

```
SQL> select count(distinct model) from Inventory;

COUNT(DISTINCTMODEL)
--------------------
                   6
```

3. Display the average price of all the cars with Model LXI from table INVENTORY.

```
SQL> select AVG(Price) from Inventory where Model='LXI';

AVG(PRICE)
----------
  548306.5
```

4. Find sum of Sale Price of the cars purchased by the customer having ID C0001 from table SALE.

```
SQL> select sum(SalePrice) from Sales where CustId='C0001';

SUM(SALEPRICE)
--------------
       1273229
```

5. Find the maximum and minimum commission from the SALE table.

```
SQL> select Min(Saleprice) as MIN_COMMISION,
  2  Max(SalePrice) as MAX_COMMISION from sales;

MIN_COMMIS MAX_COMMIS
---------- ----------
369310.00  659982.00
```

Queries Using Group By:
1. Display the number of cars purchased by each customer from the SALE table.

```
SQL> select CustId,count(*) as NUMBER_OF_CARS from Sales group by CustId;

CUSTI NUMBER_OF_CARS
----- --------------
C0002              2
C0004              1
C0003              1
C0001              2
```

2. Display the customer Id and number of cars purchased if the customer purchased more than 1 car from SALE table.

```
SQL> select CustId,count(*) as NUMBER_OF_CARS from Sales group by CustId having count(*)>1;

CUSTI NUMBER_OF_CARS
----- --------------
C0002             2
C0001             2
```

3. Display the number of people in each category of payment mode from the table SALE.

```
SQL> select PaymentMode, count(PaymentMode) from sales group by PaymentMode;

PAYMENTMODE     COUNT(PAYMENTMODE)
--------------- ------------------
Bank Finance                 2
Online                       1
Credit card                  2
Cheque                       1
```

4. Display the PaymentMode and number of payments made using that mode more than once.

```
SQL> select PaymentMode, count(PaymentMode) from sales group by PaymentMode order by PaymentMode;

PAYMENTMODE     COUNT(PAYMENTMODE)
--------------- ------------------
Bank Finance                 2
Cheque                       1
Credit card                  2
Online                       1
```

Queries Using Having By Clause:
1. Lists the number of cars in manufactured in each year. Only include years with more than 3 Cars.

```
SQL> select PaymentMode, count(PaymentMode) from sales group by PaymentMode having count(*)>1;

PAYMENTMODE     COUNT(PAYMENTMODE)
--------------- ------------------
Bank Finance                 2
Credit card                  2
```

2. Display the designation where the sum of salaries is 50,000 or more.

```
SQL> select Designation,count(Designation),SUM(Salary) from Employee group by Designation having Sum(Salary) >50000;

DESIGNATION     COUNT(DESIGNATION) SUM(SALARY)
--------------- ------------------ -----------
Salesman                       5      156213
```

Queries on Numeric Functions:
1. Calculate GST as 12% of Price and display the result after rounding it off to one decimal Place.

```
SQL> select round(12/100 *Price,1) as GST from Inventory;

      GST
----------
  69913.6
  80773.4
  68043.7
    77743
  42624.6
  78589.7
    61680
    73680

8 rows selected.
```

2. Add a new column FinalPrice to the table inventory, which will have the value as sum of Price and 12% of the GST.

```
SQL> alter table inventory
  2  add finalprice number (10,1);

Table altered.

SQL>  update Inventory
  2  set FinalPrice=Price+round(12/100 * price,1);

8 rows updated.

SQL> select * from Inventory;

CARI CARN PRICE       MODEL      YEARMANUFACTURE FUELTYPE   FINALPRICE
---- ---- ---------- ---------- --------------- ---------- ----------
D001 Car1 582613.00  LXI                   2017 Petrol       652526.6
D002 Car1 673112.00  VXI                   2018 Petrol       753885.4
B001 Car2 567031.00  Sigma1.2              2019 Petrol       635074.7
B002 Car2 647858.00  Deltal.2              2018 Petrol         725601
E001 Car3 355205.00  5 STR STD             2017 CNG          397829.6
E002 Car3 654914.00  CARE                  2018 CNG          733503.7
S001 Car4 514000.00  LXI                   2017 Petrol         575680
S002 Car4 614000.00  VXI                   2018 Petrol         687680

8 rows selected.
```

3. Add a new column Commission to the SALE table. The column Commission should have a total length of 7 in which 2 decimal places to be there.

```
SQL> alter table sales
  2  add Commission number(7,2);

Table altered.

SQL> update Sales
  2  set Commission= 12/100 * SalePrice;

6 rows updated.

SQL> select * from sales;

INVOIC CARI CUSTI SALEDATE  PAYMENTMODE       EMPID SALEPRICE   COMMISSION
------ ---- ----- --------- ---------------   ----- ---------- ----------
I00001 D001 C0001 24-JAN-19 Credit card       E004  613247.00    73589.64
I00002 S001 C0002 12-DEC-18 Online            E001  590321.00    70838.52
I00003 S002 C0004 25-JAN-19 Cheque            E010  604000.00       72480
I00004 D002 C0001 15-OCT-18 Bank Finance      E007  659982.00    79197.84
I00005 E001 C0003 20-DEC-18 Credit card       E002  369310.00     44317.2
I00006 S002 C0002 30-JAN-19 Bank Finance      E007  620214.00    74425.68

6 rows selected.
```

4. Calculate commission for sales agents as 12 per cent of the SalePrice, insert the values to the
newly added column Commission and then display records of the table SALE where commission > 73000.

> Alter table inventory
2 add FinalPrice Number(10,1);

5. Display InvoiceNo, SalePrice and Commission such that commission value is rounded off to 0.

> update Inventory
2 set FinalPrice=Price+round(12/100 * price,1);
8 rows updated.

Queries on String Functions:
1. Display customer name in lower case and customer email in upper case from table CUSTOMER.

```
SQL> select * from Customer where Email like '%yahoo%';

CUSTI CUSTNAME              CUSTADD
----- -------------------- ------------------------------------------------------
      PHONE EMAIL
---------- -------------------------
C0003 CharviNayyar          10/9 , FF , Rohini
6811635425 charvi123@yahoo.com

C0004 Gurpreet              A-10/2,SF,MayurVihar
3511056125 gur_singh@yahoo.com
```

2. Display the length of the email and part of the email from the email ID before the character '@'. Note – Do not print '@'.

```
SQL> select SUBSTR(email,1,instr(email,'@' )-1) AS username , length(email) AS length from customer;

USERNAME
--------------------------------------------------------------------------------
    LENGTH
----------
amitsaha2
        19

rehnuma
        19

charvi123
        19


USERNAME
--------------------------------------------------------------------------------
    LENGTH
----------
gur_singh
        19
```

3. Let us assume that four digit area code is reflected in the mobile number starting from position number For example, 1851 is the area code of mobile number 9818511338. Now, write the SQL query to display the area code of the customer living in Rohini.

```
SQL> select substr(phone,3,4) from customer where custadd like '%Rohini%';

SUBSTR(PHONE,3,4
---------------
1163
```

4. Display emails after removing the domain name extension ".com" from emails of the Customers.

```
SQL> select regexp_replace(email, '.com') as domain_name from customer;

DOMAIN_NAME
------------------------------------------------------------------------
amitsaha2@gmail
rehnuma@hotmail
charvi123@yahoo
gur_singh@yahoo
```

5. Display details of all the customers having yahoo emails only.

```
SQL> select * from customer where email like '%yahoo%';

CUSTI CUSTNAME              CUSTADD
----- --------------------- -------------------------------------------------
      PHONE EMAIL
---------- ------------------------
C0003 CharviNayyar          10/9 , FF , Rohini
6811635425 charvi123@yahoo.com

C0004 Gurpreet              A-10/2,SF,MayurVihar
3511056125 gur_singh@yahoo.com
```

Queries on Date & Time Functions:
1. Select the day, month number and year of joining of all employees.

```
SQL> select to_char (DOJ, 'fm DD month YYYY')as DOJ from Employee;

DOJ
---------------------------------------------
 12 december 2017
 5 june 2016
 1 august 1999
 2 december 2010
 1 july 2012
 1 january 2017
 23 october 2013

7 rows selected.
```

2. If the date of joining is not a Sunday, then display it in the following format "Wednesday, 26, November, 1979."

```
SQL> select to_char(DOJ , 'fm DD Month YYYY') as DOJ
  2  from Employee
  3  where to_char(DOJ,'fmdd')!='Sunday';

DOJ
-----------------------------------------------
 12 December 2017
 5 June 2016
 1 August 1999
 2 December 2010
 1 July 2012
 1 January 2017
 23 October 2013

7 rows selected.
```