<http://chettinadtech.ac.in/storage/12-06-12/12-06-12-12-03-53-shyamsundar.pdf>

https://www.baskent.edu.tr/~tkaracay/etudio/ders/dbase/sql/pdfSQL/DateConversions.pdf

Exercise :

1. Write a query to display the current date. Label the column Date.

select sysdate from dual

2. Display the employee number, name, salary, and salary increase by 15.5% expressed as a whole  
number. Label the column New Salary.

select empno, ename, sal, sal+(sal\*15.5/100) "New Salary"

from emp

3. Modify your previous query to add a column that will subtract the old salary from the new  
salary. Label the column Increase. Rerun your query.

select empno, ename, sal, sal+(sal\*15.5/100) "New Salary", (sal+(sal\*15.5/100))-sal "Increases"

from emp

4. Display the employee’s name, hire date, and salary review date, which is the first Monday after  
six months of service. Label the column REVIEW. Format the dates to appear in the format  
similar to “Sunday, the 7th of September, 1981.”

SELECT ename, hiredate,

TO\_CHAR(NEXT\_DAY(ADD\_MONTHS(hiredate, 6),'MONDAY'),

'fmDay, "the" Ddth "of" Month, YYYY') REVIEW

FROM emp

5. For each employee display the employee name and calculate the number of months between  
today and the date the employee was hired. Label the column MONTHS\_WORKED. Order your  
results by the number of months employed.If possible round the month.

select ename, months\_between(sysdate,hiredate) Months\_worked

from emp

order by Months\_worked

6. Write a query that produces the following for each employee: <employee name> earns <salary>  
monthly but wants <3 times salary>. Label the column Dream Salaries.

select ename||' earns '||sal||' monthly but wants $'||sa­l\*3 "Dream Salary"

from emp

7. Write a query that will display the employee’s name with the first letter capitalized and all other  
letters lowercase,give column alias “Name” and the length of their name & column alias should be “Length Of Name”, for all employees whose name starts with J, A, or M.

select initcap(ename) "Name", length(ename) "Length of Name"

from emp

where ename like 'J%' or ename like 'A%' or ename like 'M%'

8. Create a query that will display the employee name and commission amount. If the employee  
does not earn commission, put “No Commission.” Label the column COMM\_Info.

SELECT ename,

NVL(TO\_CHAR(comm), 'No Commission') COMM

FROM emp;