DBT-I
## Assignment – 3

**Important Note:**
- **Create a text file with name Assignment3.txt**
- **At beginning of file should contain**
    **-- Assignment No.  : Assignment2**
    **-- Roll No.              : 101, 102**
    **-- Name of student : Abc, Xyz**
- **Copy only SQL Commands in file**
    **1) SELECT * FROM EMP;**
- **NOTE: DO NOT COPY OUTPUT OF SQL COMMANDS in text file**

1. Display Employees Name in Reverse using reverse() function

2. Show the last 3 characters of the name of all employees

3. List all row from EMP table, by converting the NULL value in COMM column to 0 (use NVL command)

4. List the names and hire dates of the employees in department 20. Display the hire date formatted as '12/03/84'

5. How many months has the president worked for the company? Round to the nearest whole number of months

6. List the names of all employees whose hire date is in the month of December (Use SubStr () Function).

7. Produce the following output using DECODE/CASE expression:

   (HINT: For CLERK job display in lowercase, SALESMAN job display in title case)

   SCOTT(ANALYST)
   FORD(ANALYST)
   MILLER(clerk)
   JAMES(clerk)
   SMITH(clerk)
   ADAMS(clerk)
   BLAKE(MANAGER)
   JONES(MANAGER)
   CLARK(MANAGER)
   KING(PRESIDENT)
   TURNER(Salesman)
   MARTIN(Salesman)
   WARD(Salesman)
   ALLEN(Salesman)

8. Which of the two dates is greatest?

   1999-04-23   or       1999-07-20

9. Print a list of employees display just salary if more than 1500 if exactly 1500

   display on target if less than 1500 display below 1500

   | ENAME | SALARY |
   |---|---|
   | ADAMS | Below 1500 |
   | ALLEN | 1600 |
   | BLAKE | 2850 |
   | CLARK | 2450 |
   | FORD | 3000 |
   | JAMES | Below 1500 |
   | JONES | 2975 |
   | KING | 5000 |
   | MARTIN | Below 1500 |
   | MILLER | Below 1500 |
   | SCOTT | 3000 |
   | SMITH | Below 1500 |
   | TURNER | ON TARGET |
   | WARD | Below 1500 |

10. Display the position at which the string 'AR' occurs in name using INSTR ().

11. Display name & how many weeks employees are working in department 30.

12. Display WARD's hire date in following format

    $22^{nd}$  of February

13. Display current date & time in following format

    Tue 21-Apr-1998 21:18:27 PM

14. Find names of employees who were hired less than 12 years ago.

15. Write a query to count the number of vowels in a string.

    (Hint: use translate, replace and length function)

16. Display current date in following format (Consider current date is 26-Sep-11):

    Monday, Twenty-Sixth September Twenty Eleven

17. List all employees who hired on the last day of month

18. Calculate age of PRESIDENT (HINT: Consider Hire date as Date of Birth)