

Practical List 6 –Date Time Etc

1. Logon to Oracle using your User Name

2. See list of tables by using “Tab / cat” tables.

3. Create a table “**Employee**” with following attributes :

EmpCode	Number
EmpName	Varchar
EmpCity	Varchar
DOB	Date (date of Birth)
DOJ	Date (date of Joining)
Salary	Number

4. Display the structure of table

5. Insert the following data into the table (Convert Month No into Month Name like 3 = MAR)

EmpCode	EmpName	EmpCity	DOB	DOJ	Salary
1	Yogesh	Delhi	1/11/75	1/1/05	12000
2	Dinesh	Delhi	22/5/78	Current Date	6000
3	Sheena	Mumbai	16/6/89	1/6/99	50000
5	Sundar	Delhi	17/8/82	Current Date	4400

6. Execute the following queries and note the output:

- Select Empname, DOB from employee.
- Select Empname, DOB, sysdate from employee.
- Select Empname, DOB , DOB + 15 from employees.
- Select Empname, DOB , DOB - 3 from employees.
- Select Empname, DOB, TO_CHAR(dob,'DD MM YYYY') from employee.
- Select Empname, DOB, TO_CHAR(dob,'Day MONTH Year') from employee.
- Select Empname, DOB, TO_CHAR(dob,'Day MON Year DD MM YY') from employee
- Select Empname, DOB, TO_CHAR(dob,'DD DD MM MM YY YYYY YYYY') from employee.
- Select Empname, DOB, TO_CHAR(dob,'DDsp MMsp YYYYsp') from employee.
- Select Empname, DOB, TO_CHAR(dob,'DDspth MMspth YYYYspth') from employee.
- Select Empname, DOB, TO_CHAR(dob,'DDsp MMsp YYYYsp') from employee.
- Select Empname, DOB, TO_CHAR(dob,'DD MM YYYY HH MI SS') from employee.
- Select Empname, DOB, TO_CHAR(dob,'HH MI SS') from employee.
- Insert into employee values (4,'Amit','Meeurt', '1-Jan-67', '21-Sep-04',15000).**

- o. Select Empname, DOB, TO_CHAR(DOB,'DD MM YYYY'), TO_CHAR(DOJ,'DD MM YYYY') from employee where Empcode=4. In this query what is the full year for DOB and DOJ? (Is it 1967 or 2067 , 2004 or 1904)
- p. Insert a record with DOB = 1674 , and DOJ = 1734.
- q. Display this record with full year in DOB and DOJ (as in query "O")

7. Write queries for the following:

- a. Show all records
- b. Show names and Salary of all employees
- c. Display the highest salary
- d. Display the lowest salary
- e. Show the total number of records
- f. Display the emp name, actual salary and salary with 15% increment
- g. Display all records in following format:
 - o The Salary of Yogesh is 12000 and he belongs to Delhi
 - o The Salary of Dinesh is 6000 and he belongs to Delhi.
 - So on for all records -----
- h. Display the total number of characters in all employee names
- i. Display all employee names in Capital letters
- j. Display all employee city in Small letters
- k. Display all employee names in Initial capital letters
- l. Display only the current date
- m. Display only the current time
- n. Display the current date and time
- o. Display only the current year
- p. Display only the current Month
- q. Display all records in following format:
 - o The date of birth of Yogesh is 1 November Nineteen Seventy Five
- r. Display the total number of months an employee is working
- s. Display the name and age of each employee (Do not show DOB)
- t. Display the total experience of all employees in years.
- u. Display the full 4 digit birth year of all employee.
- v. Enter a record with your detail in the table with your actual DOB.
- w. Display on which day (Mon Tue Wed Etc) you were born.
- x. Display list of all employees who were born after your DOB.
- y. Delete your record.
- z. Again enter your detail record and this time store your Birth time also.
- aa. Display names, DOB , Time of Birth , age of all records.