

## DBMS Practical List - 8

### Date and Time

#### Platform: Oracle Express

1. Logon to Oracle using your User Name
2. See list of tables using “Tab”
3. Write a query to create an “Employee” table with following constraints:

EmpCode

EmpName

EmpCity

DOB (date of birth)

DOJ (date of joining)

Salary

4. Display the structure of the table

5. Insert the following data:

EMPCODE	EMPNAME	EMPCITY	DOB	DOJ	Salary
1	Yogesh	Delhi	1/11/75	1/1/05	12000
2	Dinesh	Mumbai	22/5/78	Current Date	6000
3	Sheena	Pune	16/6/89	1/6/99	50000
5	Sundar	Bangalore	15/9/90	1/1/02	65000

6. Execute the following queries:

- 1) Select empname,DOB from employee
- 2) Select empname, DOB, sysdate from employee.
- 3) Select empname, DOB, DOB + 15 from employee
- 4) Select empname, DOB,DOB-3 from employee

- 5) Select empname, DOB, TO\_CHAR(dob,'DD MM YYYY') from employee
- 6) Select empname, DOB, TO\_CHAR(dob,'Day Month Year') from employee
- 7) Select empname, DOB, TO\_CHAR(dob,'Day MON Year DD MM YY') from employee
- 8) Select empname, DOB, TO\_CHAR(dob,'DD DD MM MM YY YYYY YYYY')from employee
- 9) Select empname, DOB, TO\_CHAR(dob,'DDsp MMsp YYYYsp') from employee
- 10) Select empname, DOB, TO\_CHAR(dob,'DDspth MMspth YYYYspth') from employee
- 11) Select empname, DOB, TO\_CHAR(dob,'DDsp MMspth YYYYsp') from employee
- 12) Select empname, DOB, TO\_CHAR(dob,'DD MM YYYY HH MI SS') from employee
- 13) Select empname, DOB, TO\_CHAR(dob,'HH MI SS') from employee
- 14) Insert into employee values(4,'Amit','Meerut','1-Jan-67','21-Sep-04',15000)
- 15) Select empname, DOB, TO\_CHAR(DOB,'DD MM YYYY'), TO\_CHAR(DOJ,'DD MM YYYY') from employee where empcode=4
- 16) Insert a record with DOB=1674 and DOJ=1734
- 17) Display this record with full year in DOB and DOJ
- 18) 7. Write queries for the following:
- 19) Show all records
- 20) Show names and salary of all employees
- 21) Display highest salary
- 22) Display lowest salary
- 23) Show the total number of records
- 24) Display the empname, actual salary and salary with 15% increment
- 25) Display all records in format: "The Salary of Yogesh is 12000 and he belongs to Delhi"
- 26) Display the total number of characters in all employee names

- 27) Display all employee names in Capital Letters
- 28) Display all cities in Small Letters
- 29) Display names in Initial capital letters
- 30) Display only current date
- 31) Display only current time
- 32) Display the current date and time
- 33) Display only current year
- 34) Display only current month
- 35) Display all records in following format: "The date of birth of Yogesh is 1 November Nineteen Seventy Five"
- 36) Display the total number of months an employee is working
- 37) Display the name and age of each employee
- 38) Display total experience of all employees in years
- 39) Display the full 4 digit birth year of all employees
- 40) Enter a record with your detail in the table with your actual DOB
- 41) Display on which day you were born
- 42) Display all list of employees who were born after your dob
- 43) Delete your record
- 44) Again enter your record but this time enter your birth time also
- 45) Display names, DOB, Time of Birth, age of all records