

Name:

Class:B.Sc(IT) Sem-1 Div-A

Sub:DBMS

Enrollment:

Assignment-7 aim:SQL DML STATEMENT

Date of Practical Assignment: 21/12/2021

1. Display all employee name and job for department number is not 10 and employee name started with either 'S' or 'M' character.

```
select EName,Job
from IT_Employee
where DeptNo!='10' and EName
like 'S%' or EName like 'M%'
```

ENAME	JOB
SMITH	CLERK
MARTIN	SALESMAN
SCOTT	ANALYST
MILLER	CLERK

1. Display DA as 15% of basic salary.

```
alter table IT_Employee
add DA decimal(10,5);
update IT_Employee
set DA=SAL*15/100;
```

DA
120
240
187.5
446.25
187.5
427.5
367.5
450
750
225

More than 10 rows available. Increase rows selector to view more rows.

1. Display only employee name whose designation is either 'CLERK','MANAGER' or 'SALESMAN'.

```
select EName
from IT_Employee
where JOB='CLERK' or JOB='MANAGER' or JOB='SALESMAN';
```

10 rows returned in 0.01

seconds

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ENAME
SMITH
ALLEN
WARD
JONES
MARTIN
BLAKE
CLARK
TURNER
ADAMS
JAMES

More than 10 rows available. Increase rows selector to view more rows.

1. Display higher date and name of employee whose department number is either 10 or 20.

```
select HireDate
from IT_Employee
where DeptNo='10' or DeptNo='20';
```

HIREDATE
12/17/1980
04/02/1981
06/09/1981
04/19/1987
11/17/1981
05/23/1987
12/03/1981
01/23/1982

1. Display employee number and employee name whose basic salary is less then or equal to 2500 and manager number is 7839.

```
select EmpNo,EName
from IT_Employee
where SAL<=2500 and MGR='7839';
```

EMPNO	EName
7782	CLARK

6. Retrieve all the records of department whose department number id either 20 or 30

```
select * from IT_Department
where DeptNo='10' or Deptno='20';
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS

2 rows returned in 0.00 seconds [Download](#)

7. Retrieve the department name whose department number is not 30.

```
select DName
from IT_Department
where DeptNo!='30';
```

DNAME
ACCOUNTING
RESEARCH
OPERATIONS

8. Retrieve the department number and department name whose location contains 'O' character at any place

```
select DeptNo,DName
from IT_Department
where Loc
like '%O%';
```

DEPTNO	DNAME
10	ACCOUNTING
30	SALES
40	OPERATIONS

9. Display the employee name and code whose job is 'PRESIDENT'

```
select EName,EmpNo
from IT_Employee
where JOB='PRESIDENT';
```

EName	EMPNO
KING	7839

10. Display the employee name, hire date, job and mgr whose basic salary is more than 5000 and commission is more than 800.

```
select EName,HireDate,JOB,MGR
from IT_Employee
where SAL>1200 and COMM>800;
```

ENAME	HIREDATE	JOB	MGR
MARTIN	09/28/1981	SALESMAN	7698