



INDIAN SCHOOL DARSAIT DEPARTMENT OF ICT



Subject: Informatics
Practices- 065

Topic:
Database Management

Work Sheet: #2

Resource Person: Sara Alex

Date: _____

Name of the Student : _____ **Class: XI** **Roll Number :** _____

Answer the following question based on Data Base:

1. Study the given Table below and find the output of the following SQL Commands.

TABLE: **EMP**

EmpNo	EmpName	Job	Mgr	Hiredate	Sal	Comm	DeptNo
7839	KING	PRESIDENT		17-NOV-81	5000		10
7698	BLAKE	MANAGER	7839	01-MAY-81	2850		30
7782	CLARK	MANAGER	7839	09-JAN-81	2450		10
7566	JONES	MANAGER	7839	02-APR-81	2975		20
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30
7900	JAMES	CLERK	7698	03-DEC-81	950		30
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
7902	FORD	ANALYST	7566	03-DEC-81	3000		NULL
7369	SMITH	CLERK	7902	17-DEC-80	800		NULL
7788	SCOOT	ANALYST	7566	09-DEC-82	3000		20
7876	ADAMS	CLERK	7788	12-JAN-83	1100		20
7943	MILLER	CLERK	7782	23-JAN-82	1300		NULL

- i. SELECT * From EMP
- ii. SELECT empno, sal FROM EMP;
- iii. SELECT empno, job, sal FROM EMP;
- iv. SELECT job, empno, sal FROM EMP;
- v. SELECT DISTINCT job FROM EMP;
- vi. SELECT ALL job FROM EMP;
- vii. SELECT empname, sal FROM EMP WHERE sal>2500;
- viii. SELECT empno, empname FROM EMP WHERE (sal=3000 OR sal=5000);
- ix. SELECT empno, empname FROM EMP WHERE (sal=3000 AND deptno=20);
- x. SELECT empno, empname FROM EMP WHERE (NOT job='salesman');
- xi. SELECT empname, job, sal FROM EMP WHERE sal BETWEEN 2000 AND 3000);
- xii. SELECT empname, job, sal FROM EMP WHERE sal NOT BETWEEN 2000 AND 3000);
- xiii. SELECT * FROM EMP WHERE job IN(clerk, analyst);
- xiv. SELECT * FROM EMP WHERE job NOT IN(clerk, analyst);
- xv. SELECT empno, empname FROM EMP WHERE deptno IS NULL;
- xvi. SELECT * FROM EMP ORDER BY ename;
- xvii. SELECT empname, sal FROM EMP WHERE sal>2500 ORDER BY ename;
- xviii. SELECT * FROM EMP ORDER BY ecode DESC;
- xix. SELECT * FROM EMP ORDER BY sal DESC;
- xx. SELECT * FROM EMP ORDER BY sal DESC, ename ASC ;