CSE2007 - DBMS

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LAB 7

EMPLOYEE Table:

EMP_ID	EMP_NAME	DESIGNATION	MANAGER_ID	DOJ	DEPT_ID	SALARY	GENDER
1008	Kiran	Principal		1978-02-01	DEPT_1004	99000.00	M
1001	Akash	Salesman	1008	1991-07-15	DEPT_1003	35000.00	M
1002	Rishabh	Manager	1008	1992-05-23	DEPT_1001	65000.00	M
1004	Ridhi	Manager	1008	1987-11-22	DEPT_1001	85000.00	F
1003	Rihan	Analyst	1004	1991-07-15	DEPT_1001	55000.00	M
1007	Seema	Manager	1008	1991-07-15	DEPT_1001	65000.00	F
1005	Sajal	Salesman	1007	1991-07-15	DEPT_1003	35000.00	M
1006	Biki	Salesman	1002	1999-11-26	DEPT_1003	25000.00	F

DEPARTMENT Table:

DEPT_NUM	DEPT_NAME	DEPT_LOCATION	Phn_Num
DEPT_1001	Human Resource	Delhi	1111
DEPT_1002	Production	Kolkata	2222
DEPT_1003	Marketing	Kerala	3333
DEPT_1004	Audit	Noida	4444
DEPT_1005	Finance	Andhra Pradesh	5555

PROJECT Table:

Pno	Pname	Budget	City
P001	HealthCare	750000	Kolkata
P002	ComputerVision	1000000	Delhi
P003	NetworkSecurity	9500000	Chennai
P004	Forensic	1200000	Guwahati
P005	Security	1500000	Hyderabad

Works Table:

Eno	Pno	Duration
1001	P001	6 Image Size: 1366x768 (
1002	P001	6
1003	P001	6
1005	P002	9
1006	P002	9
1007	P002	9
1004	P003	5
1008	P003	5

Execute the following queries:

1. Display which employees worked in which locations?

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2. Find the name, id, designation, department id, department name, of the employees who work in Kerala.

```
mysql> select EMP_NAME, EMP_ID, DESIGNATION, DEPT_ID, DEPT_NAME
   -> from EMPLOYEE
   -> inner join DEPARTMENT on EMPLOYEE.DEPT_ID = DEPARTMENT.DEPT_NUM
   -> where DEPT_LOCATION="Kerala";
 EMP_NAME | EMP_ID | DESIGNATION | DEPT_ID
                                                DEPT_NAME
 Akash
              1001
                     Salesman
                                    DEPT_1003
                                                Marketing
 Sajal
              1005
                     Salesman
                                    DEPT_1003
                                                Marketing
 Bikki
              1006
                     Salesman
                                    DEPT_1003
                                                Marketing
 rows in set (0.00 sec)
```

3. Display the manager details (manager id and manager name) of all employees. (Hints: employee name and employee id)



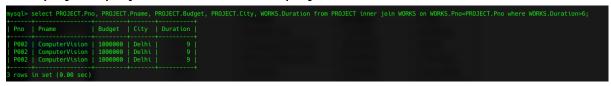
4. Find project details (project number, project name, budget, project duration) of all employees. (2 Marks)

```
nysql> select Eno, Pno, Budget, Duration from PROJECT natural join WORKS;
      I Pno
                Budget
                          Duration
 1001
        P001
                 750000
 1002
        P001
                 750000
 1003
        P001
                 750000
 1005
        P002
                1000000
 1006
        P002
                1000000
 1007
        P002
                1000000
 1004
        P003
                9500000
 1008
        P003
                9500000
rows in set (0.00 sec)
```

5. Display the department name, number of employees and total salary in each department. (2 Marks)



6. Display the project details where employees work for more than 6 hours.



7. Display the name, date of join, salary of the manager who had joined after 1991-07-15.



8. Display the department name, manager name, and city of all managers.

