



BHASKARACHARYA COLLEGE OF APPLIED SCIENCES , DU



DATABASE MANAGEMENT SYSTEM PRACTICAL ASSIGNMENT

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ROLL NO. :- 2002019

SUBMITTED TO :-

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Create the following database schema EMP-DEPT with all specified constraints and use it to answer the given queries.

EMPLOYEE Schema

Field Type NULL KEY DEFAULT

Eno Char(3) NO PRI NIL

Ename Varchar(50) NO NIL

Job_type Varchar(50) NO NIL

SupervisionENO Char(3) Yes FK NIL Hire_date Date
NO NIL

Dno Integer YES FK NIL

Commission Decimal(10,2) YES NIL

Salary Decimal(7,2) NO NIL

:::RESULT:::

```
CREATE TABLE EMPLOYEE (  
  Eno CHAR(3) NOT NULL PRIMARY KEY,  
  ENAME VARCHAR(50) NOT NULL,  
  Job_Type VARCHAR(50) NOT NULL,  
  SupervisionENO CHAR(3),  
  Hire_date DATE NOT NULL,  
  Dno INTEGER,  
  Commision DECIMAL(10 , 2 ),  
  Salary DECIMAL(10 , 2 ) NOT NULL,  
  foreign key (Dno) references DEPARTEMENT(Dno),  
  foreign key (SupervisionENO) references EMPLOYEE(Eno)  
);
```

```
mysql> desc EMPLOYEE;
```

Field	Type	Null	Key	Default	Extra
Eno	char(3)	NO	PRI	NIL	
Ename	varchar(50)	NO		NIL	
Job_type	varchar(50)	NO		NIL	
SupervisonENO	char(3)	YES	MUL	NIL	
Hire_date	date	NO		NULL	
Dno	int	YES	MUL	NULL	
Commission	decimal(10,2)	YES		NULL	
Salary	decimal(7,2)	NO		NULL	

8 rows in set (0.02 sec)

```
mysql> select * from EMPLOYEE;
```

Eno	Ename	Job_type	SupervisonENO	Hire_date	Dno	Commission	Salary
10	Krishna	Admin	NIL	1981-10-02	30	500.00	4000.00
11	Mohan	BM	79	1981-10-03	10	250.00	2500.00
12	Rajesh	BM	79	1982-10-01	20	300.00	3000.00
13	Jitendra	BM	10	1983-12-05	50	250.00	2500.00
14	Prakash	BM	12	1984-10-06	40	300.00	2500.00
15	Ram Charan	EM	12	1989-12-01	20	150.00	2000.00
16	Jay Prakash	EM	12	1990-12-01	20	150.00	1900.00
17	Bittu	EM	14	1995-12-01	40	150.00	1800.00
18	Ankit	EM	14	1993-11-01	40	150.00	1850.00
19	Ayush	EM	11	1997-05-01	10	100.00	1750.00
20	Chandrasekhar	EM	13	1985-04-01	50	200.00	2000.00
21	Mithu	EM	13	1986-04-01	50	200.00	2300.00
22	Radheshyam	EM	NIL	2004-01-01	40	NULL	1600.00
23	Amit Prasad	EM	NIL	2003-01-01	10	NULL	1500.00
79	Radhamohan	HR	NIL	1981-10-01	30	700.00	5000.00

15 rows in set (0.00 sec)

DEPARTMENT Schema

Dno Integer No PRI NULL

Dname Varchar(50) Yes NULL

Location Varchar(50) Yes New Delhi

:::RESULT:::

```
CREATE TABLE DEPARTEMENT (
    Dno INTEGER NOT NULL PRIMARY KEY,
    Dname VARCHAR(50),
    Location VARCHAR(50) DEFAULT 'New Delhi'
);
```

```
mysql> desc DEPARTMENT;
+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Dno   | int       | NO   | PRI | NULL    |       |
| Dname | varchar(50) | YES  |     | NULL    |       |
| Location | varchar(50) | YES  |     | NEW DELHI |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from DEPARTMENT;
+----+-----+-----+
| Dno | Dname  | Location |
+----+-----+-----+
| 10  | Purchase | New Delhi |
| 20  | Blake   | New Delhi |
| 30  | Office  | Mumbai   |
| 40  | Sales   | New Delhi |
| 50  | IT Dep  | Dallas   |
+----+-----+-----+
5 rows in set (0.00 sec)
```

!!!QUERY-1!!!

Query to display Employee Name, Job, Hire Date, Employee Number; for each employee with the Employee Number appearing first.

!!!RESULT!!!

```
select Eno "Employee Number",Ename "Employee Name",
Job_type "Job", Hire_date "Hire Date" from EMPLOYEE;
```

```
mysql> select Eno "Employee Number",Ename "Employee Name", Job_type "Job", Hire_date "Hire Date" from EMPLOYEE;
+-----+-----+-----+-----+
| Employee Number | Employee Name | Job | Hire Date |
+-----+-----+-----+-----+
| 10              | Krishna      | Admin | 1981-10-02 |
| 11              | Mohan        | BM   | 1981-10-03 |
| 12              | Rajesh       | BM   | 1982-10-01 |
| 13              | Jitendra     | BM   | 1983-12-05 |
| 14              | Prakash      | BM   | 1984-10-06 |
| 15              | Ram Charan   | EM   | 1989-12-01 |
| 16              | Jay Prakash  | EM   | 1990-12-01 |
| 17              | Bittu        | EM   | 1995-12-01 |
| 18              | Ankit        | EM   | 1993-11-01 |
| 19              | Ayush        | EM   | 1997-05-01 |
| 20              | Chandrasekhar | EM   | 1985-04-01 |
| 21              | Mithu        | EM   | 1986-04-01 |
| 22              | Radheshyam   | EM   | 2004-01-01 |
| 23              | Amit Prasad  | EM   | 2003-01-01 |
| 79              | Radhamohan   | HR   | 1981-10-01 |
+-----+-----+-----+-----+
15 rows in set (0.01 sec)
```

:::QUERY-2:::

Query to display unique Jobs from the Employee Table.

:::RESULT:::

```
select distinct Job_type "Unique Job" from EMPLOYEE;
```

```
mysql> select distinct Job_type "Unique Job" from EMPLOYEE;
+-----+
| Unique Job |
+-----+
| Admin      |
| BM         |
| EM         |
| HR         |
+-----+
4 rows in set (0.00 sec)
```

:::QUERY-3:::

Query to display the Employee Name concatenated by a Job separated by a comma.

:::RESULT:::

```
select concat(ENAME," ",Job_type) "Employee Name, Job"
from EMPLOYEE;
```

```
mysql> select concat(ENAME," ",Job_type) "Employee Name, Job" from EMPLOYEE;
+-----+
| Employee Name, Job |
+-----+
| Krishna, Admin     |
| Mohan, BM          |
| Rajesh, BM         |
| Jitendra, BM       |
| Prakash, BM        |
| Ram Charan, EM     |
| Jay Prakash, EM    |
| Bittu, EM          |
| Ankit, EM          |
| Ayush, EM          |
| Chandrasekhar, EM  |
| Mithu, EM          |
| Radheshyam, EM     |
| Amit Prasad, EM    |
| Radhamohan, HR     |
+-----+
15 rows in set (0.00 sec)
```

:::QUERY-4:::

Query to display all the data from the Employee Table. Separate each Column by a comma and name the said column as THE_OUTPUT.

:::RESULT:::

```
select      concat(Eno,"      ",Ename,"      ",Job_type,"      ",
",SupervisonENO,"      ",Hire_date,"      ",Dno,"      ",Commission,"      ",
",Salary) "THE_OUTPUT" from EMPLOYEE;
```

```
mysql> select concat(Eno,"      ",Ename,"      ",Job_type,"      ",SupervisonENO,"      ",Hire_date,"      ",Dno,"      ",
Commission,"      ",Salary) "THE_OUTPUT" from
EMPLOYEE;
+-----+
| THE_OUTPUT |
+-----+
| 10, Krishna, Admin, NIL, 1981-10-02, 30, 500.00, 4000.00 |
| 11, Mohan, BM, 79, 1981-10-03, 10, 250.00, 2500.00 |
| 12, Rajesh, BM, 79, 1982-10-01, 20, 300.00, 3000.00 |
| 13, Jitendra, BM, 10, 1983-12-05, 50, 250.00, 2500.00 |
| 14, Prakash, BM, 12, 1984-10-06, 40, 300.00, 2500.00 |
| 15, Ram Charan, EM, 12, 1989-12-01, 20, 150.00, 2000.00 |
| 16, Jay Prakash, EM, 12, 1990-12-01, 20, 150.00, 1900.00 |
| 17, Bittu, EM, 14, 1995-12-01, 40, 150.00, 1800.00 |
| 18, Ankit, EM, 14, 1993-11-01, 40, 150.00, 1850.00 |
| 19, Ayush, EM, 11, 1997-05-01, 10, 100.00, 1750.00 |
| 20, Chandrasekhar, EM, 13, 1985-04-01, 50, 200.00, 2000.00 |
| 21, Mithu, EM, 13, 1986-04-01, 50, 200.00, 2300.00 |
| NULL |
| NULL |
| 79, Radhamohan, HR, NIL, 1981-10-01, 30, 700.00, 5000.00 |
+-----+
15 rows in set (0.00 sec)
```

-

:::QUERY-5:::

Query to display the Employee Name and Salary of all the employees earning more than \$2850.

:::RESULT:::

```
select Ename "Employee Name", Salary "Salary" from
EMPLOYEE where Salary > 2850;
```

```
mysql> select Ename "Employee Name", Salary "Salary" from EMPLOYEE where Salary > 2850;
+-----+
| Employee Name | Salary |
+-----+
| Krishna      | 4000.00 |
| Rajesh       | 3000.00 |
| Radhamohan   | 5000.00 |
+-----+
3 rows in set (0.00 sec)
```

:::QUERY-6:::

Query to display Employee Name and Department Number for the Employee No= 79.

:::RESULT:::

```
select Ename "Employee Name", Dno "Department Number" from EMPLOYEE where Eno = 79;
```

```
mysql> select Ename "Employee Name", Dno "Department Number" from EMPLOYEE where Eno = 79;
+-----+-----+
| Employee Name | Department Number |
+-----+-----+
| Radhamohan    | 30                |
+-----+-----+
1 row in set (0.01 sec)
```

:::QUERY-7:::

Query to display Employee Name and Salary for all employees whose salary is not in the range of \$1500 and \$2850.

:::RESULT:::

```
select Ename "Employee Name", Salary "Salary" from EMPLOYEE where Salary < 1500 or Salary > 2850;
```

```
mysql> select Ename "Employee Name", Salary "Salary" from EMPLOYEE where Salary < 1500 or Salary > 2850;
+-----+-----+
| Employee Name | Salary |
+-----+-----+
| Krishna       | 4000.00 |
| Rajesh        | 3000.00 |
| Radhamohan    | 5000.00 |
+-----+-----+
3 rows in set (0.00 sec)
```

:::QUERY-8:::

Query to display Employee Name and Department No. of all the employees in Dept 10 and Dept 30 in the alphabetical order by name.

:::RESULT:::

```
select Ename "Employee Name", Dno "Department Number" from EMPLOYEE where Dno = 10 or Dno = 30
order by Ename;
```



```
mysql> select Ename "Employee Name", Dno "Department Number" from EMPLOYEE where Dno = 10 or Dno = 30 order by Ename;
```

Employee Name	Department Number
Amit Prasad	10
Ayush	10
Krishna	30
Mohan	10
Radhamohan	30

5 rows in set (0.01 sec)

!!!QUERY-9!!!

Query to display Name and Hire Date of every Employee who was hired in 1981.

!!!RESULT!!!

```
select Ename , Hire_date from EMPLOYEE where Hire_date like "1981%";
```

```
mysql> select Ename , Hire_date from EMPLOYEE where Hire_date like "1981%";
```

Ename	Hire_date
Krishna	1981-10-02
Mohan	1981-10-03
Radhamohan	1981-10-01

3 rows in set (0.02 sec)

!!!QUERY-10!!!

Query to display Name and Job of all employees who have not assigned a supervisor.

!!!RESULT!!!

```
select Ename , Job_type from EMPLOYEE where SupervisonENO = "NIL";
```

```
mysql> select Ename , Job_type from EMPLOYEE where SupervisonENO = "NIL";
```

Ename	Job_type
Krishna	Admin
Radheshyam	EM
Amit Prasad	EM
Radhamohan	HR

4 rows in set (0.00 sec)

!!!QUERY-11!!!

Query to display the Name, Salary and Commission for all the employees who earn commission.

!!!RESULT!!!

```
select Ename , Salary , Commission from EMPLOYEE  
where Commission != 0;
```

```
mysql> select Ename , Salary , Commission from EMPLOYEE where Commission != 0;
```

Ename	Salary	Commission
Krishna	4000.00	500.00
Mohan	2500.00	250.00
Rajesh	3000.00	300.00
Jitendra	2500.00	250.00
Prakash	2500.00	300.00
Ram Charan	2000.00	150.00
Jay Prakash	1900.00	150.00
Bittu	1800.00	150.00
Ankit	1850.00	150.00
Ayush	1750.00	100.00
Chandrasekhar	2000.00	200.00
Mithu	2300.00	200.00
Radhamohan	5000.00	700.00

```
13 rows in set (0.00 sec)
```

!!!QUERY-12!!!

Sort the data in descending order of Salary and Commission.

!!!RESULT!!!

```
select * from EMPLOYEE order by Salary desc ,  
Commission desc;
```

```
mysql> select * from EMPLOYEE order by Salary desc , Commission desc;
```

Eno	Ename	Job_type	SupervisonENO	Hire_date	Dno	Commission	Salary
79	Radhamohan	HR	NIL	1981-10-01	30	700.00	5000.00
10	Krishna	Admin	NIL	1981-10-02	30	500.00	4000.00
12	Rajesh	BM	79	1982-10-01	20	300.00	3000.00
14	Prakash	BM	12	1984-10-06	40	300.00	2500.00
11	Mohan	BM	79	1981-10-03	10	250.00	2500.00
13	Jitendra	BM	10	1983-12-05	50	250.00	2500.00
21	Mithu	EM	13	1986-04-01	50	200.00	2300.00
20	Chandrasekhar	EM	13	1985-04-01	50	200.00	2000.00
15	Ram Charan	EM	12	1989-12-01	20	150.00	2000.00
16	Jay Prakash	EM	12	1990-12-01	20	150.00	1900.00
18	Ankit	EM	14	1993-11-01	40	150.00	1850.00
17	Bittu	EM	14	1995-12-01	40	150.00	1800.00
19	Ayush	EM	11	1997-05-01	10	100.00	1750.00
22	Radheshyam	EM	NIL	2004-01-01	40	NULL	1600.00
23	Amit Prasad	EM	NIL	2003-01-01	10	NULL	1500.00

```
15 rows in set (0.00 sec)
```

:::QUERY-13:::

Query to display Name of all the employees where the third letter of their name is 'A'.

:::RESULT:::

```
select Ename "Employee Name" from EMPLOYEE where Ename like "__a%";
```

```
mysql> select Ename "Employee Name" from EMPLOYEE where Ename like "__a%";
```

Employee Name
Prakash
Chandrasekhar

```
2 rows in set (0.00 sec)
```

:::QUERY-14:::

Query to display Name of all employees either have two 'R's or have two 'A's in their name and are either in Dept No = 30 or their Manger's Employee No = 778.

:::RESULT:::

```
select Ename "Employee Name" from EMPLOYEE where Ename like "rr%" or "aa%" or Dno = 30 or Eno = 778;
```

```
mysql> select Ename "Employee Name" from EMPLOYEE where Ename like "rr%" or "aa%" or Dno = 30 or Eno = 778;
+-----+
| Employee Name |
+-----+
| Krishna      |
| Radhamohan   |
+-----+
2 rows in set, 1 warning (0.00 sec)
```

!!!QUERY-15!!!

Query to display Name, Salary and Commission for all employees whose Commission amount is greater than their Salary increased by 5%.

!!!RESULT!!!

select Ename, Salary, Commission from EMPLOYEE where Commission > (Salary + 0.05 * Salary);

```
mysql> select Ename, Salary, Commission from EMPLOYEE where Commission > (Salary + 0.05 * Salary);
Empty set (0.00 sec)
```

!!!QUERY-16!!!

Query to display the Current Date along with the day name.

!!!RESULT!!!

select Curdate() "Current Date" , Dayname(Curdate()) "Day";

```
mysql> select Curdate() "Current Date" , Dayname(Curdate()) "Day";
+-----+-----+
| Current Date | Day    |
+-----+-----+
| 2022-01-28   | Friday |
+-----+-----+
1 row in set (0.00 sec)
```

!!!QUERY-17!!!

Query to display Name, Hire Date and Salary Review Date which is the 1st Monday after six months of employment.

!!!RESULT!!!

select y.Emp_name as 'Name',
y.Hiring_date,

```

        case
            when dayname(y.new_date) = 'Tuesday' then
adddate(y.new_date, interval 6 day)
            when dayname(y.new_date) = 'Wednesday'
then adddate(y.new_date, interval 5 day)
            when dayname(y.new_date) = 'Thursday' then
adddate(y.new_date, interval 4 day)
            when dayname(y.new_date) = 'Friday' then
adddate(y.new_date, interval 3 day)
            when dayname(y.new_date) = 'Saturday' then
adddate(y.new_date, interval 2 day)
            when dayname(y.new_date) = 'Sunday' then
adddate(y.new_date, interval 1 day)
            else y.new_date
        end as Salary_review_date
from (
        select x.Ename Emp_Name,
                x.Hire_date Hiring_date,
                adddate(hire_date, interval 6 month)
new_date
        from (
                select Ename,
                        Hire_date
                from EMPLOYEE
            ) x
    ) y;
```

```
mysql> select y.Emp_name as 'Name',
-> y.Hiring_date,
-> case
->   when dayname(y.new_date) = 'Tuesday' then adddate(y.new_date, interval 6 day)
->   when dayname(y.new_date) = 'Wednesday' then adddate(y.new_date, interval 5 day)
->   when dayname(y.new_date) = 'Thursday' then adddate(y.new_date, interval 4 day)
->   when dayname(y.new_date) = 'Friday' then adddate(y.new_date, interval 3 day)
->   when dayname(y.new_date) = 'Saturday' then adddate(y.new_date, interval 2 day)
->   when dayname(y.new_date) = 'Sunday' then adddate(y.new_date, interval 1 day)
->   else y.new_date
-> end as Salary_review_date
-> from (
->   select x.Ename Emp_Name,
->   x.Hire_date Hiring_date,
->   adddate(hire_date, interval 6 month) new_date
->   from (
->     select Ename,
->     Hire_date
->     from EMPLOYEE
->   ) x
-> ) y;
```

Name	Hiring_date	Salary_review_date
Krishna	1981-10-02	1982-04-05
Mohan	1981-10-03	1982-04-05
Rajesh	1982-10-01	1983-04-04
Jitendra	1983-12-05	1984-06-11
Prakash	1984-10-06	1985-04-08
Ram Charan	1989-12-01	1990-06-04
Jay Prakash	1990-12-01	1991-06-03
Bittu	1995-12-01	1996-06-03
Ankit	1993-11-01	1994-05-02
Ayush	1997-05-01	1997-11-03
Chandrasekhar	1985-04-01	1985-10-07
Mithu	1986-04-01	1986-10-06
Radheshyam	2004-01-01	2004-07-05
Amit Prasad	2003-01-01	2003-07-07
Radhamohan	1981-10-01	1982-04-05

!!!QUERY-18!!!

Query to display Name and calculate the number of months between today and the date on which employee was hired of department 'Purchase'.

!!!RESULT!!!

```
select Ename Name,
TIMESTAMPDIFF(MONTH,Hire_date,Curdate()) "Months
Between Today and Hire_date" from EMPLOYEE NATURAL
JOIN DEPARTMENT where Dname = "Purchase";
```

```
mysql> select Ename Name, TIMESTAMPDIFF(MONTH,Hire_date,Curdate()) "Months Between Today and Hire_date" from EMPLOYEE NATURAL JOIN DEPARTMEN
T where Dname = "Purchase";
```

Name	Months Between Today and Hire_date
Mohan	485
Ayush	298
Amit Prasad	230

3 rows in set (0.01 sec)

!!!QUERY-19!!!

Query to display the following for each employee <E-Name> earns < Salary> monthly but wants < 3 * Current Salary >. Label the Column as Dream Salary.

!!!RESULT!!!

```
select concat(Ename," earns $",Salary," monthly but wants $", 3*Salary, ".") "Dream Salary" from EMPLOYEE;
```

```
mysql> select concat(Ename," earns $",Salary," monthly but wants $", 3*Salary, ".") "Dream Salary" from EMPLOYEE;
+-----+
| Dream Salary |
+-----+
| Krishna earns $4000.00 monthly but wants $12000.00. |
| Mohan earns $2500.00 monthly but wants $7500.00. |
| Rajesh earns $3000.00 monthly but wants $9000.00. |
| Jitendra earns $2500.00 monthly but wants $7500.00. |
| Prakash earns $2500.00 monthly but wants $7500.00. |
| Ram Charan earns $2000.00 monthly but wants $6000.00. |
| Jay Prakash earns $1900.00 monthly but wants $5700.00. |
| Bittu earns $1800.00 monthly but wants $5400.00. |
| Ankit earns $1850.00 monthly but wants $5550.00. |
| Ayush earns $1750.00 monthly but wants $5250.00. |
| Chandrasekhar earns $2000.00 monthly but wants $6000.00. |
| Mithu earns $2300.00 monthly but wants $6900.00. |
| Radheshyam earns $1600.00 monthly but wants $4800.00. |
| Amit Prasad earns $1500.00 monthly but wants $4500.00. |
| Radhamohan earns $5000.00 monthly but wants $15000.00. |
+-----+
15 rows in set (0.00 sec)
```

===QUERY-20===

Query to display Name with the 1st letter capitalized and all other letter lower case and length of their name of all the employees whose name starts with 'J', 'A' and 'M'.

===RESULT===

```
select Ename from EMPLOYEE where Ename like "J%" or "A%" or "M%";
```

```
mysql> select Ename from EMPLOYEE where Ename like "J%" or "A%" or "M%";
+-----+
| Ename |
+-----+
| Jitendra |
| Jay Prakash |
+-----+
2 rows in set, 2 warnings (0.00 sec)
```

===QUERY-21===

Query to display Name, Hire Date and Day of the week on which the employee started.

===RESULT===

```
select Ename,Hire_date,DAYOFWEEK(Hire_date)
DayOfWeeek from EMPLOYEE;
```



```
mysql> select Ename,Hire_date,DAYOFWEEK(Hire_date) DayOfWeek from EMPLOYEE;
```

Ename	Hire_date	DayOfWeek
Krishna	1981-10-02	6
Mohan	1981-10-03	7
Rajesh	1982-10-01	6
Jitendra	1983-12-05	2
Prakash	1984-10-06	7
Ram Charan	1989-12-01	6
Jay Prakash	1990-12-01	7
Bittu	1995-12-01	6
Ankit	1993-11-01	2
Ayush	1997-05-01	5
Chandrasekhar	1985-04-01	2
Mithu	1986-04-01	3
Radheshyam	2004-01-01	5
Amit Prasad	2003-01-01	4
Radhamohan	1981-10-01	5

15 rows in set (0.00 sec)

!!!QUERY-22!!!

Query to display Name, Department Name and Department No for all the employees.

!!!RESULT!!!

```
select EMPLOYEE.Ename Name, EMPLOYEE.Dno
"Department Number",DEPARTMENT.Dname
"Department Name" from EMPLOYEE.EMPLOYEE
NATURAL JOIN EMPLOYEE.DEPARTMENT;
```

```
mysql> select EMPLOYEE.Ename Name, EMPLOYEE.Dno "Department Number",DEPARTMENT.Dname "Department Name" from EMPLOYEE.EMPLOYEE NATURAL JOIN
EMPLOYEE.DEPARTMENT;
```

Name	Department Number	Department Name
Mohan	10	Purchase
Ayush	10	Purchase
Amit Prasad	10	Purchase
Rajesh	20	Blake
Ram Charan	20	Blake
Jay Prakash	20	Blake
Krishna	30	Office
Radhamohan	30	Office
Prakash	40	Sales
Bittu	40	Sales
Ankit	40	Sales
Radheshyam	40	Sales
Jitendra	50	IT Dep
Chandrasekhar	50	IT Dep
Mithu	50	IT Dep

15 rows in set (0.01 sec)

!!!QUERY-23!!!

Query to display Unique Listing of all Jobs that are in Department number 30.

:::RESULT:::

select Job_type from EMPLOYEE NATURAL JOIN DEPARTMENT where Dno = 30;

```
mysql> select Job_type from EMPLOYEE NATURAL JOIN DEPARTMENT where Dno = 30;
+-----+
| Job_type |
+-----+
| Admin    |
| HR       |
+-----+
2 rows in set (0.00 sec)
```

:::QUERY-24:::

Query to display Name, Dept Name of all employees who have an 'A' in their name.

:::RESULT:::

select Ename Name,Dname "Department Name" from EMPLOYEE NATURAL JOIN DEPARTMENT where Ename like "%A%";

```
mysql> select Ename Name,Dname "Department Name" from EMPLOYEE NATURAL JOIN DEPARTMENT where Ename like "%A%";
+-----+-----+
| Name      | Department Name |
+-----+-----+
| Krishna   | Office          |
| Mohan     | Purchase        |
| Rajesh    | Blake           |
| Jitendra  | IT Dep          |
| Prakash   | Sales           |
| Ram Charan | Blake           |
| Jay Prakash | Blake           |
| Ankit     | Sales           |
| Ayush     | Purchase        |
| Chandrasekhar | IT Dep          |
| Radheshyam | Sales           |
| Amit Prasad | Purchase        |
| Radhamohan | Office          |
+-----+-----+
13 rows in set (0.00 sec)
```

:::QUERY-25:::

Query to display Name, Job, Department No. And Department Name for all the employees working at the Dallas location.

:::RESULT:::

select Ename Name,Job_type Job, Dno "Department Number", Dname "Department Name" from EMPLOYEE NATURAL JOIN DEPARTMENT where Location = "Dallas";

```
mysql> select Ename Name,Job_type Job, Dno "Department Number", Dname "Department Name" from EMPLOYEE NATURAL JOIN DEPARTMENT where Location = "Dallas";
```

Name	Job	Department Number	Department Name
Jitendra	BM	50	IT Dep
Chandrasekhar	EM	50	IT Dep
Mithu	EM	50	IT Dep

```
3 rows in set (0.00 sec)
```

:::QUERY-26:::

:::RESULT:::

:::QUERY-27:::

:::RESULT:::

:::QUERY-28:::

:::RESULT:::

:::QUERY-29:::

:::RESULT:::

:::QUERY-30:::

:::RESULT:::

:::QUERY-31:::

:::RESULT:::

:::QUERY-32:::

:::RESULT:::

:::QUERY-33:::

:::RESULT:::

:::QUERY-34:::

:::RESULT:::

:::QUERY-35:::

:::RESULT:::

:::QUERY-36:::

:::RESULT:::

:::QUERY-37:::

:::RESULT:::

:::QUERY-38:::

:::RESULT:::

:::QUERY-39:::
:::RESULT:::
:::QUERY-40:::
:::RESULT:::
:::QUERY-41:::
:::RESULT:::
:::QUERY-42:::
:::RESULT:::