ASSIGNMENT 3

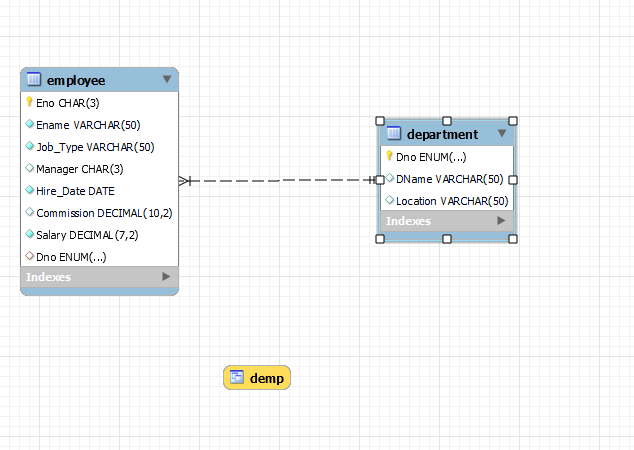
Name: Avishkaar Pawar

Semester : 4th

Course : B.Sc (H) Computer Science

Roll No : AD-1224

Date-of-Submission : 05 March 2023



**/\* DDL COMMANDS \*/**

create database EMP\_DEPT;

use EMP\_DEPT;

create table Department(

Dno enum('10','20','30','40','50') NOT NULL PRIMARY KEY,

DName varchar(50) DEFAULT NULL,

Location varchar(50) Default "New Delhi"

);

/\*Foreign key references Employee(Eno)\*/

create table Employee (

Eno char(3) NOT NULL primary key,

Ename Varchar(50) not null,

Job\_Type varchar(50) not null,

Manager char(3) ,

Hire\_Date date Not Null,

Commission Decimal(10,2),

Salary Decimal(7,2) Not Null,

Check (5000>Salary and Salary>1000),

Dno enum('10','20','30','40','50'),

foreign key (Dno) references Department(Dno)

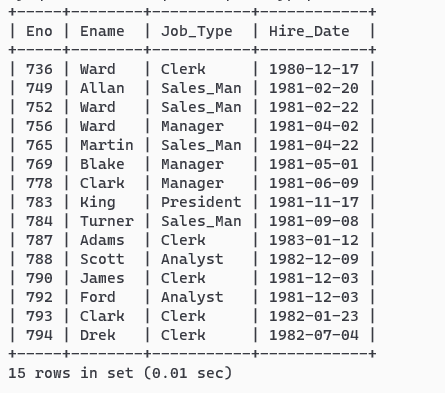
);

**QUERIES**

/\* Question 1

Query to display Employee Name, Job, Hire Date, Employee Number for each employee with the Employee Number appearing first \*/

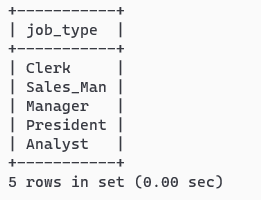
**Select Eno, Ename,Job\_Type,Hire\_Date from employee;**

****

/\* Question 2

Query to display Unique Jobs from the Employee Table. \*/

**select distinct job\_type from employee;**

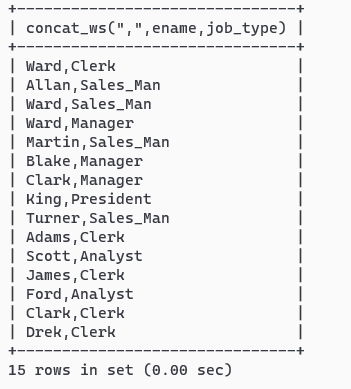
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/\* Question 3

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

\*/

**select concat\_ws(",",ename,job\_type) from employee;**



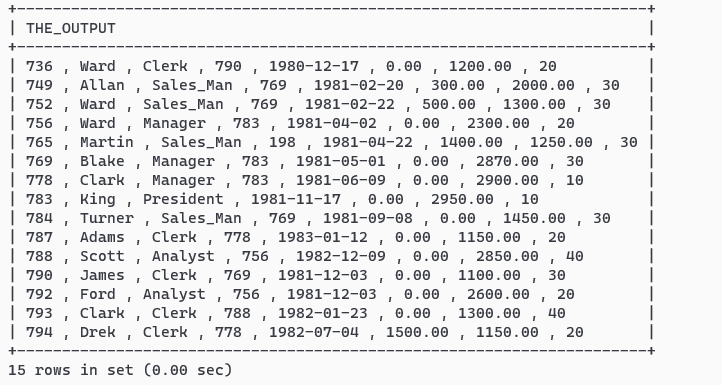
/\* Question 4

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

the said column as THE\_OUTPUT.

\*/

**select concat\_ws(" , ", eno, ename,job\_type , manager, hire\_date, commission,salary,dno) THE\_OUTPUT from employee;**

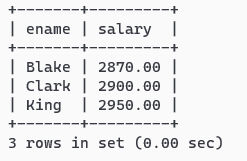
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/\* Question 5

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

\*/

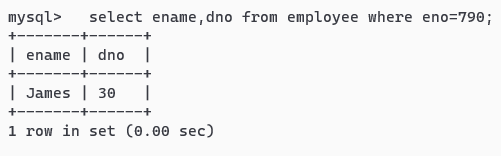
**select ename,salary from employee where salary>2850;**

****

/\*Question 6

Query to display Employee Name & Department Number for the Employee No= 790

\*/

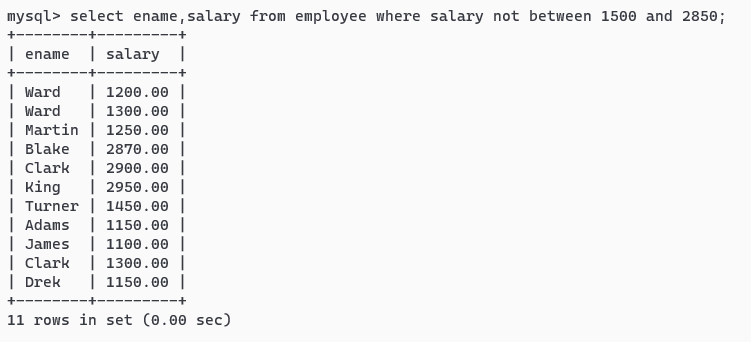
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**/\*Question 7**

**Query to display Employee Name & Salary for all employees whose salary is not in**

**the range of $1500 and $2850.**

**\*/**

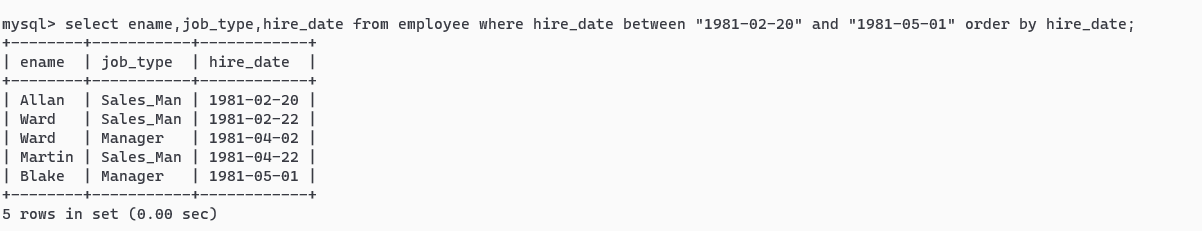
****

**/\*Question 8**

**Query to display Employee Name, Job, and Hire Date of all the employees hired between Feb 20,**

**1981 and May 1, 1981. Order the query in ascending order of Start Date.**

**\*/**

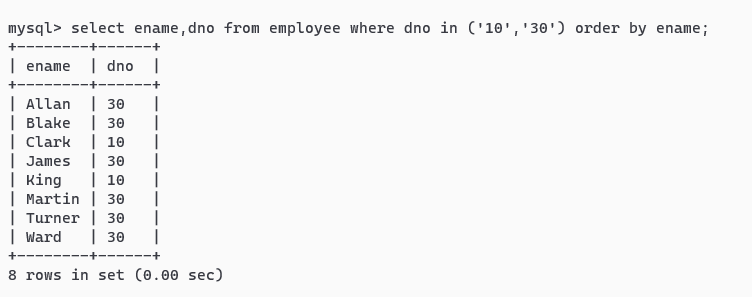
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**/\* Question 9**

**Query to display Employee Name & Department No. of all the employees in Dept 10 and Dept 30 in**

**the alphabetical order by name.**

**\*/**



/\* Question 10

Query to display Employee Name & Salary of employees who earned more than $1500 and are in

Department 10 or 30.

\*/

