**EXPERIMENT-8**

Radhika C

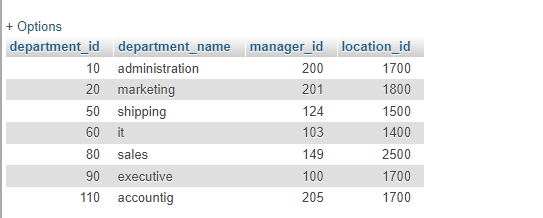
RMCA-B

Roll No:13

1. create table department (department\_id int(4), department\_name varchar(30), manager\_id int(6), location\_id int(4));

* insert into department (department\_id , department\_name, manager\_id, location\_id) values (10, 'administration', 200, 1700);
* insert into department (department\_id , department\_name, manager\_id, location\_id) values (20, 'marketing', 201, 1800);
* insert into department (department\_id , department\_name, manager\_id, location\_id) values (50, 'shipping', 124, 1500);
* insert into department (department\_id , department\_name, manager\_id, location\_id) values (60, 'it', 103, 1400);
* insert into department (department\_id , department\_name, manager\_id, location\_id) values (80, 'sales', 149, 2500);
* insert into department (department\_id , department\_name, manager\_id, location\_id) values (90, 'executive', 100, 1700);
* insert into department (department\_id , department\_name, manager\_id, location\_id) values (110, 'accountig', 205, 1700);
* insert into department (department\_id , department\_name, manager\_id, location\_id) values (190, 'contacting', 1700);

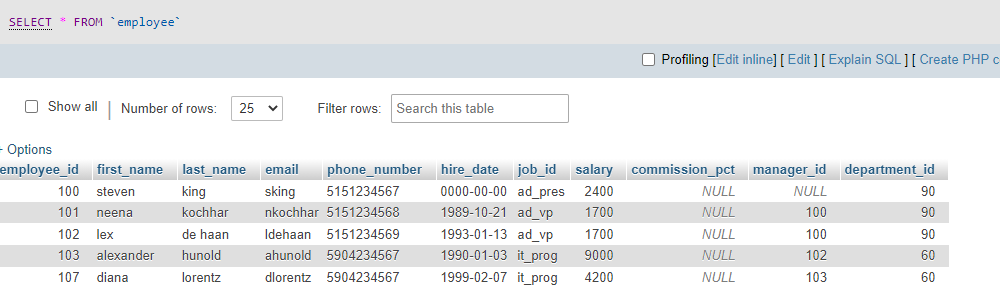
select \* from department;



1. CREATE table employee(empid int PRIMARY KEY ,empname varchar (100),department varchar(50),contactno bigint,emailid varchar(100),empheadid int)

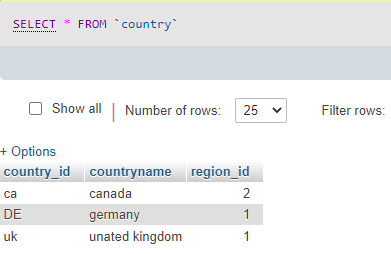
* INSERT INTO `employee` (`employee\_id`, `first\_name`, `last\_name`, `email`, `phone\_number`, `hire\_date`, `job\_id`, `salary`, `commission\_pct`, `manager\_id`, `department\_id`) VALUES ('100', 'steven', 'king', 'sking', '5151234567', '17-jun-87', 'ad\_pres', '2400', NULL, NULL, '90');
* INSERT INTO `employee` (`employee\_id`, `first\_name`, `last\_name`, `email`, `phone\_number`, `hire\_date`, `job\_id`, `salary`, `commission\_pct`, `manager\_id`, `department\_id`) VALUES ('101', 'neena', 'kochhar', 'nkochhar', '5151234568', '1989-10-21', 'ad\_vp', '1700', NULL, 100, '90');
* INSERT INTO `employee` (`employee\_id`, `first\_name`, `last\_name`, `email`, `phone\_number`, `hire\_date`, `job\_id`, `salary`, `commission\_pct`, `manager\_id`, `department\_id`) VALUES ('102', 'lex', 'de haan', 'ldehaan', '5151234569', '1993-01-13', 'ad\_vp', '1700', NULL, 100, '90');
* INSERT INTO `employee` (`employee\_id`, `first\_name`, `last\_name`, `email`, `phone\_number`, `hire\_date`, `job\_id`, `salary`, `commission\_pct`, `manager\_id`, `department\_id`) VALUES ('103', 'alexander', 'hunold', 'ahunold', '5904234567', '1990-01-03', 'it\_prog', '9000', NULL, 102, '60');
* INSERT INTO `employee` (`employee\_id`, `first\_name`, `last\_name`, `email`, `phone\_number`, `hire\_date`, `job\_id`, `salary`, `commission\_pct`, `manager\_id`, `department\_id`) VALUES ('107', 'diana', 'lorentz', 'dlorentz', '5904234567', '1999-02-07', 'it\_prog', '4200', NULL, 103, '60');

Select \* form employee;



1. CREATE TABLE country ( country\_id varchar(2) NOT NULL ,countryname varchar(40) DEFAULT NULL,region\_id decimal(10,0) NOT NULL,PRIMARY KEY (country\_id));

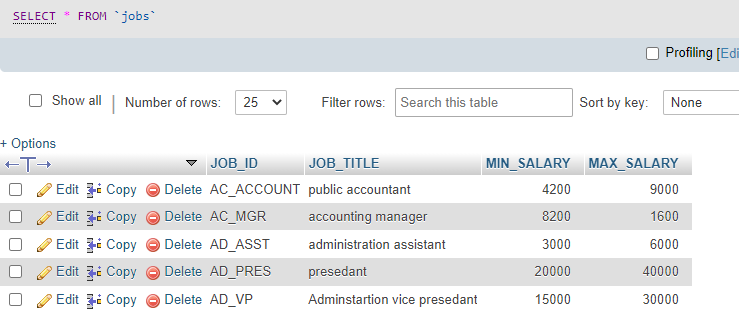
* insert into country values('CA','Canada',2);
* insert into country values('DE','Germany',1);
* insert into country values('UK','United Kingdom',1);
* select \* from country



1. create table jobs (JOB\_ID varchar(10) NOT NULL, JOB\_TITLE varchar(35) NOT NULL, MIN\_SALARY decimal(6), MAX\_SALARY decimal(6),PRIMARY KEY (JOB\_ID));

* insert into job values('AD\_VP','Adminstartion vice presedant',15000,30000);
* insert into job values('AD\_PRES','presedant',20000,40000);
* insert into job values('AD\_ASST','Adminstartion assistant',3000,6000);
* insert into job values('AC\_MGR','accounting manager',20000,40000);
* insert into job values('AC\_ACCOUNT','public account',15000,30000);

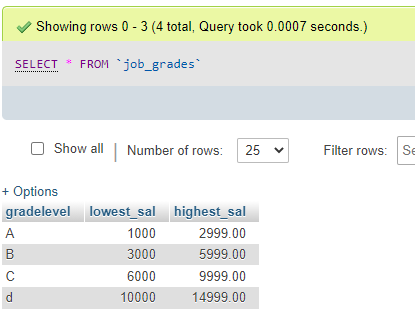
Select \* from jobs;



1. CREATE TABLE job\_grades (gradelevel varchar(3),lowest\_sal decimal,highest\_sal decimal(8,2));

* insert into job\_gradesvalues('A',1000,2999);
* insert into job\_grades values('B',3000,5999);
* insert into job\_gradesvalues('c',6000,9999);
* insert into job\_grades values('d',10000,14999);

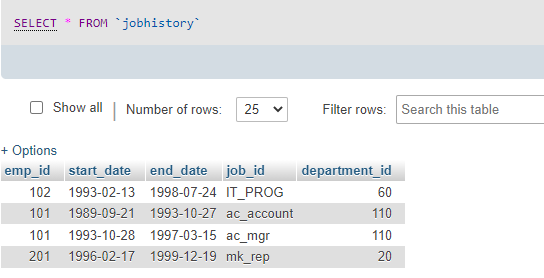
select \* from job\_grades;



1. CREATE TABLE job\_history ( EMPLOYEE\_ID decimal(6,0) NOT NULL PRIMARY KEY, START\_DATE date NOT NULL, END\_DATE date NOT NULL, JOB\_ID varchar(10) NOT NULL, DEPARTMENT\_ID decimal(4,0) DEFAULT NULL, FOREIGN KEY (job\_id) REFERENCES jobs(job\_id));

* insert into jobhistory values(102,19930213,19980724,'IT\_PROG',60);
* INSERT INTO jobhistory VALUES (101,19890921,19931027,"ac\_account",110);
* INSERT INTO jobhistory VALUES (101,19931028,19970315,"ac\_mgr",110);
* INSERT INTO jobhistory VALUES (201,19960217,19991219,"mk\_rep",20);

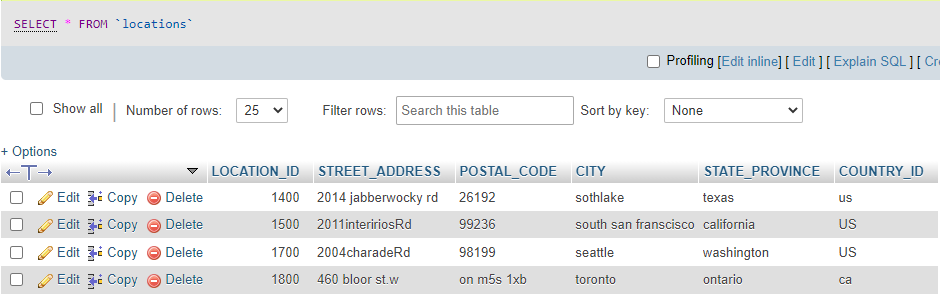
Select \* from jobhistory;



1. create table locations(LOCATION\_ID decimal(4) NOT NULL, STREET\_ADDRESS varchar(40), POSTAL\_CODE varchar(12), CITY varchar(30), STATE\_PROVINCE varchar(25) NOT NULL, COUNTRY\_ID char(2), PRIMARY KEY (LOCATION\_ID));

* insert into locations values(1700,'2004charadeRd',98199,'seattle','washington','US');
* insert into locations values(1500,'2011inteririosRd',99236,'south san franscisco','california','US');
* insert into locations values(1400,'2014jabberwocky rd',26192,'southlake','texas','US');
* insert into locations values(1800,'460 bloor st.w',on m5s 1xb,'toronto','ontario','ca');

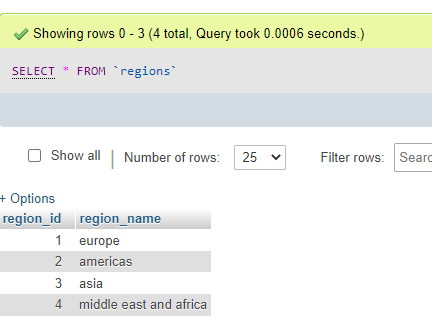
Select \* from locations;



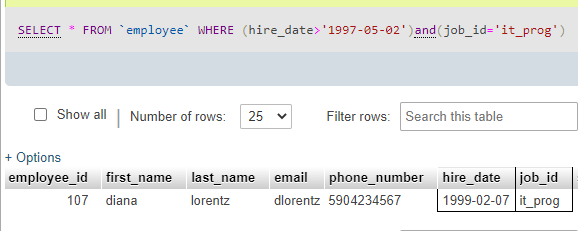
1. CREATE TABLE regions (region\_id DECIMAL,region\_name VARCHAR(25));

* insert into regions(region\_id,region\_name)values(1,'Europe');
* insert into regions(region\_id,region\_name)values(2,'amerians');
* insert into regions(region\_id,region\_name)values(3,'asia');
* insert into regions(region\_id,region\_name)values(4,'middle east and africa');

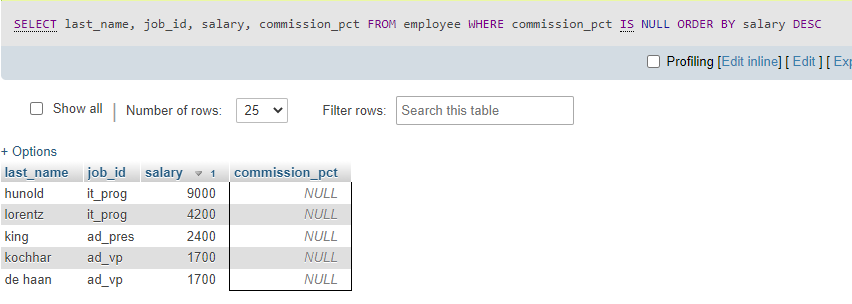
Select \* from regions;



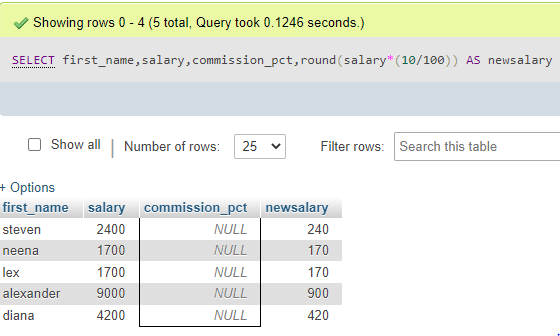
* SELECT \* FROM `employee` WHERE (hire\_date>'1997-05-02')and(job\_id='it\_prog');



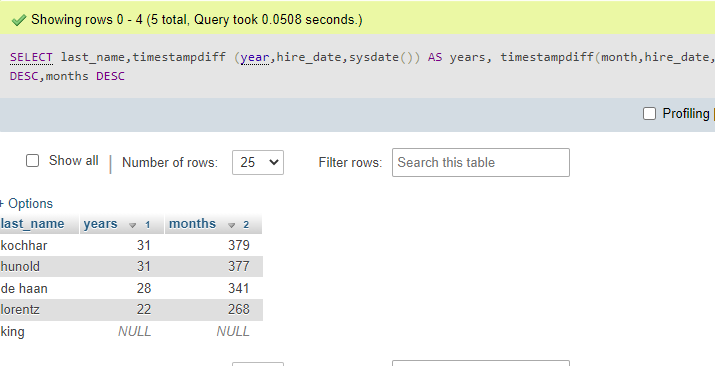
* SELECT last\_name, job\_id, salary, commission\_pct FROM employee WHERE commission\_pct IS NULL ORDER BY salary DESC;



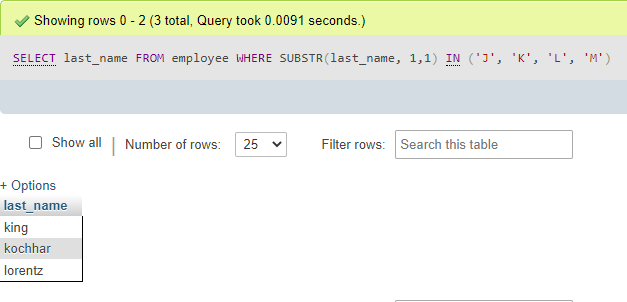
* SELECT first\_name,salary,commission\_pct,round(salary\*(10/100)) AS newsalary FROM employee WHERE commission\_pct IS NULL;



* SELECT last\_name,timestampdiff (year,hire\_date,sysdate()) AS years, timestampdiff(month,hire\_date,sysdate()) AS months from employee ORDER BY years DESC,months DESC;

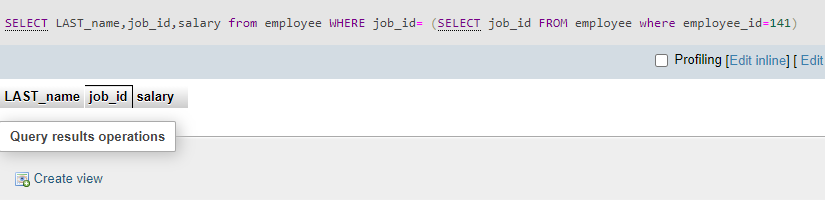


* SELECT last\_name FROM employee WHERE SUBSTR(last\_name, 1,1) IN ('J', 'K', 'L', 'M');



* SELECT LAST\_name,job\_id,salary from employee WHERE job\_id=

(SELECT job\_id FROM employee where employee\_id=141);



* SELECT LAST\_name,job\_id,salary from employee WHERE salary=

(SELECT min(salary)FROM employee);

