create the below tables along with key constraints and write and insert script for insertion of rows with substitution variables and insert appropriate data. Create table department Dept-no nemeric. Dept_name varchar (10). location varchar (10) insert into department values

(', 'sales', 'Delhi').

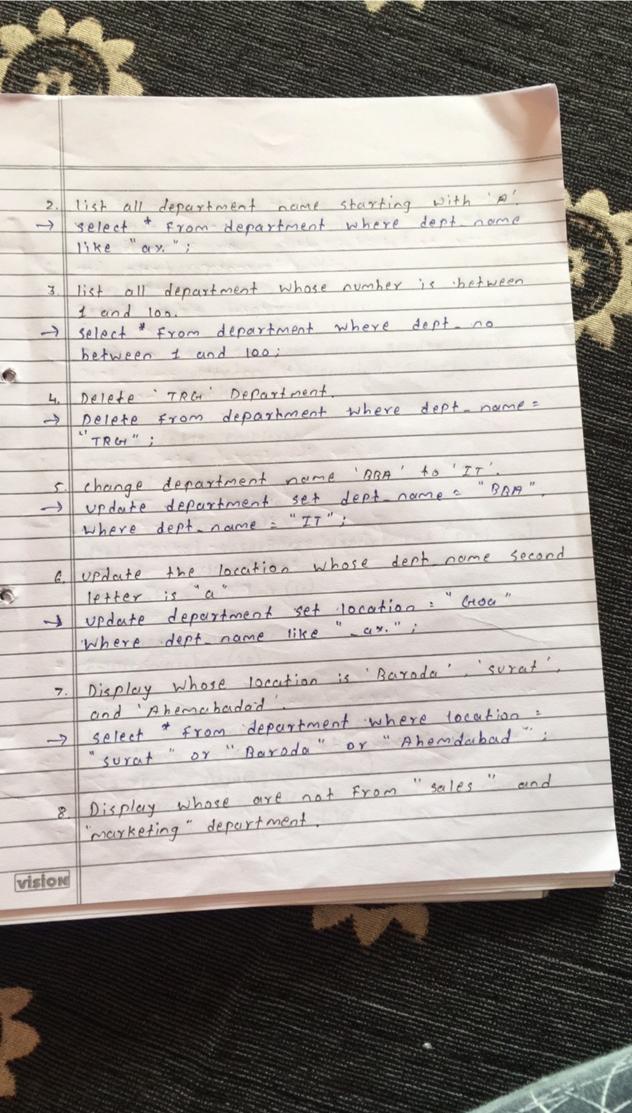
(2, 'IT', 'Mumbai').

(3, 'Production', 'Mumbai').

(4, 'Marketing', 'Ahmadabad').

(5, 'Analysis', 'Surat'),

(6, 'BCA', 'MP'). (7, 'BBA', 'Regroda'); # Queries: 1. Display all Department belonging to location 'surat' -> select + from department where location = "surat"; 2 vision

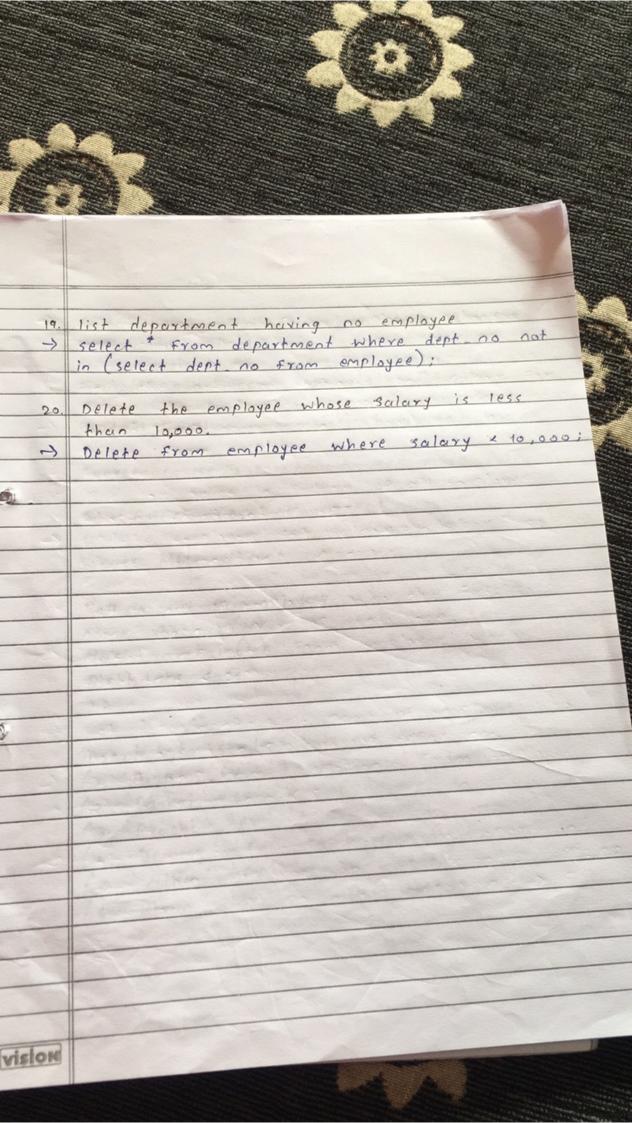


-) select * From department where dept name not like "sales" and " marketing"; 9. list all records of each table in as order -> select * from department order by department; select + from employee order by emp name; Employee (emp-id, emp-nome, gender, dept-no. address, designation, salary, experience, email); Preate table employee emp id numeric. emp_name varchar (10). erender varchar (10), dept- no int references department (pept- no address varchar (10), designation varchar (10), Salary owneric, experience numeric. email varchar (20)): insert into employee values (1, Diga', Female', 11, orna', (EO', 5000 '3 yrs', Diya@gmail. com') (2, Prachi, Female, 2, Bardoli, Manager 8000, 2 yrs , Prachi@gmail. com STOR

(3, 'Pankaj', 'Male', 'Navsari', (EO', 10,000, 3 'Yrs', Panki @gmail.com'), (4, 'Parth', 'Male', 'Radad', clerk', 5000, ' Yrs', Parth@gmail.com'), (5, Alka', "Kemale', Kamre;", Manager', 9000, '2 Yrs', 'Alka@gmail.com'): * Queries: 10. Display Female employee list.

-> select from employee where gender = "Female"; 11. Display all record by order emp-name -> select + from employee order by emp-name 12. Find name of employee whose salary less than 5000 and greater than 2000. -> select emp_name from employee where Salary < 5000 and salary > 2000; 13. Display names and the designation of all female employee in designation order. -) select emp-name, designation from employee where gender = "Female" order by emp. no dese: 14. Display name of all the employee whose name start with 'A' ends with 'A';

select emp name from employee where emp name like 'ax'; 15. Find the name of employee and salary for these who had obtain manimum salary. select emp-name, min (salary) as "lowest Salary" From employee: 16. Add lox raise in salary of all employee whose department is 'IT'. -> wrdate employee set salary = (salary + 100) 1100 Where designation = " manager"; 17. list name of employee who are fresher's class than I yer of experience. select emp-name from employee where experience < 1 yrs; 18. list department wise name of employee who has more than 5 years of experience. select emp_name experience from employee where experience < 5; > select employee emp_name from department inner join employee on department _ dept_no = employee . dept_ no where experience > 5 order by dept - name ASC; vision



Create the below three tables along with key constraints and write and insert script For insertions of rows with substitution variables and insert appropriate data. Student (Roll no, name, class, birthdate) Course (course No, coursenant, max, mark, Pass SC (ROII NO , COUTSE NO , Marks) Create table student Roll no int Primary key, name varchar (10), class varchar (10), Birthdate date insert into student values (1, 'Diga', 'Fy', '9-06t-2003'),

(2, 'Pankaj', 'Sy', '6-April-2001'),

(3, 'Prachi', 'Fy', '1-Jun-2003'),

(4, 'Jemmy', 'Sy', '10-March-2002')

(5, 'Alka', 'Fy', '1-Jan-2003'),

(6, 'Kiran', 'Sy', '18-Dec-2002'); VISION

```
Create table course
  Course No int primary key,
  Course name varchar (10),
  Max Marks int.
  Pass marks int
 (101, 'Maths', 100, 35).
 (102 'DBMS', 100, 35)
(103, 'CN', 100, 35),
(104, 'CPPM', 100, 35),
 (105, '05', 100, 35)
(106, 'Ps', 100, 35)
 (106, 'Ps', 100, 35),
(107, 'Practical', '300, 150);
Pragma Foreign_Keys:on;
Create table SCz
Roll No int references students (Roll No)
course No int references course (course No)
Marks int
insert into St, values
(1,101,60), (1,102,55)
(2,101,90), (2,102,88)
(3, 101, 40), (5, 102, 34);
```

(4,201,72), (4,202,70), (5,201,55), (5,202,38) (6,201,88), (8,202,74) (7,301,41), (7,302,44) (8,301,65), (8,302,23). (9,301,50), (9,302,61); 1. Display details of students who takes 'Dame' -> select students, roll no name, class, birthdate, course coursemente from (students inner join se, on students, rollno: s(, roll no) inner Noin course on St. course no = course no where course name = "DBMs"; 2. Display the name of student who have scared more than 70% in computer Networks and have not failed in any subject. > Select name from (students inner joint SC = on students, rollno - SC 2, rollno) inner joint course on sc. courseno = course = courseno : where course & course name : " computer Network" and SC2. marks > (70 + 100)/100 and 5(, Marks > = 35; 3. Display the average marks obtained by each -> select students name any (sc. marks) as "Any" marks " from students inner joints SC, on students. roll no = se, roll no group by student name.

	4.	select all courses where passing marks are
		· II · · · · · · · · · · · · · · · · ·
	\rightarrow	select coursename from course where pass, marks: (select avg (max_marks) * 30/100 from
		covrse);
- 3		Covyse);
	5.	Display all course name.
	->	select coursenance from course;
1		Display the student detail who have secure 1st
	6.	York in computer Network course.
	-	select students rollno, students name, students as
1		class students birthdate, max (sc. marks) as
		"max marks" from students inner joint SC:
		on students rollno = st; toll to
	1	(ovrseno = 201;
		Display all sy student list along with course
	7.	Display all Sy studen
-	-	select distint students name students class.
		select distint students name students inner et course coursename from (students inner et course coursename from (students coursena)
		joint course on st. coursen = course, coursens)
		where students class: "sy" group by students
		name;
		Display the average marks obtained by each
	8.	Display the average marks
		student. (see marks) as Avg
	-)	student. Select students name and (sc. marks) as "Ang Marks" from students inner joint SC, on Marks" from students inner joint SC, on
		marks from students more some by students. students rollno=s(2, roll no group by students.
		students volling
vis		name!
	V	Communiac (Voss) Hillen