

Gujarat Vidyapith
Department of Computer Science

Sub.:MCA104

Student Reg.No.: _____

Year : 2024-25

Subject Teacher : Dhiren B. Patel

No	Problem Defination	Assignment Date	Submission Date	Sign Of T.A.	Sign of Teacher	Grade	Remark
1	<p>Write creat statement for creating following tables in SQL.</p> <pre> s(sno char(3) PK sname varchar(50) s_status int s_city varchar(25))) p(pno char(3) PK pname varchar(20) color varchar(10) weight float(5.2) p_city varchar(25)) sp(sno char(3) pno char(3) qty int sno & pno combination is PK) After creating above tables insert minimum 5 supplier table s records. Also insert minimum 5 parts table p records. Then corresponding shipment table sp records also insert as per requirement.</pre>						
2	<p>1. Show all parts located at London city. 2. Show maximum weight part name. 3. Show all parts name , part number for part color = Red. 4. Show supplier name , supplier city who supply part qty more then 200. 5. Show second highest weight of part.</p>						
3	<p>6. Show supplier no and qty for part supply for highest weight part. 7. Show supplier name and qty for part color is "Red" supply. 8. Show supplier name , part city and qty for supplier status is less then 30 shipment supply. 9. Show each suppliers total qty supply. 10. Show each parts total qty supply.</p>						
4	<p>11. Show each part names total qty supply. 12. Show each suppliers whose supplier number is less then 's4' give total qty supply by each supplier. 13. Show each suppliers whose supplier status is 20 give total qty supply by each supplier.</p>						

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5	<p>Write creat statement for creating following tables in SQL.</p> <pre>Emp(Emp_Id int PK Emp_name varchar(35) Emp_Dept_Id int FK Emp_boss_id int Emp_salary long) Dept(Dept_Id int PK Dept_name varchar(30) Dept_location varchar(50))</pre> <p>After creating above tables insert minimum three department records in Dept table and for that each department insert minimum three employee records in Emp table. Insert one or more records that have employee salary is greater then boss salary.</p>						
6	<p>1. Show Employee name, employee department name, Boss name, Boss department name.</p> <p>2. Show Employee name, employee department name, Boss name, Boss department name where employee salary greter then boss salary.</p>						
7	<p>3.Show Department name and that department maximum salary.</p> <p>4. Show employee department name, that department total employee count.</p>						
8	<p>Create table account</p> <pre>(acc_no int amount decimal(10,2))</pre>						
9	<p>create trigger that make sum of amount inserted in table.</p>						
10	<p>create trigger that make sum of amount inserted in table to credit and debit according to amount + or -.</p>						
11	Create dedlock status.						

Grade	Marks
A	18 - 20
B	14-17
C	11-13
D	8-10
E	5-7
F	1-4
G	Absent