Assignment – 5

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**1. List sum of salary for each department.**

2. List department wise sum sal only if the sum for any department is  > 10000.

**3. Display job wise sum of salary for all departments (excluding dept 30) whose sum salary is >9000.**

4. Display job wise max sal only for managers, clerks, salesman working in dept 10 and 20. Sort the data by des order of the max salary.

**5. Display job wise number of employees in all the department with sum salary > 3000**

**6. Display the department number having atleast 3 employees in it.**

**8. Display deptno, salary sum and min(sum) for all employees who are managers.**

**9. Find sum(sal) for each dept having more than 2 clerk.**

**10. Calculate how many employees earn sal more than 1500 in each dept.**

**11. Display all employees who earn sal more that Allen earns.**

12. Display all employees who are working in Smith's department**.**

13. Display all employees who earn salary < Scott and salary > Adams sal.

14. Display all employees with salary > either Ward's  salary or Blake's sal.

**15. Display all employees who earn more than average sal of dept 10.**

16. Display all employees who are working in research department.

17. Display deptno, sum of salary  and min(sal) for all employees who are managers.

**18. Write a query which will display dept no and dept names to which no employee is assigned dept  . Use emp and dept table.**

Create following tables and solve the  queries

**1. create table category(cid int primary key auto\_increment, cname varchar (15) unique not null, description varchar(30))**

**-----------------------------------------------------**

**cid cname description**

**------------------------------------------------------**

**1 chips very crunchy**

**2 chocolate very chocolaty**

**3 snacks yummy**

**4 cold drinks thanda thanda cool cool**

**2. create table Product(pid  int primary key, pname varchar (20), price float (6,2) default 20.00, qty int check(qty>0)  cid int  ,   sid int,   constraint fk\_cid foreign key(cid) references category(cid) on delete set null,**

**constraint fk\_sid foreign key(sid) references salesman(sid));**

**--------------------------------------------------------------------------------------------**

**prodid pname qty price catid sid**

**----------------------------------------------------------------------------------------------**

**123 lays            30 30.00 1 12**

**111 pepsi 40 50.00 4 11**

**134 nachos 50 50.00 1 12**

**124 dairy milk 40 60.00 2 14**

**125 pringles 40 60.00 1 14**

**213 Sketch Pens 56 150.00 null 11**

**167 eraser 90 5.00 null null**

**3. create table salesman(sid int primary key, sname varchar (15) unique not null, city varchar(15))**

**---------------------------------**

**sid sname city**

**---------------------------------**

**11 Rahul Pune**

**12 Kirti Mumbai**

**13 Prasad Nashik**

**14 Arnav Amravati**

**1. List all pid, pname, cid, cname  with category chips**

**2. Display all products sold by kirti**

**3. Display all salesmen who did not sell any product**

**4. Display all category for which no product is assigned**

**5. Display all products to which  category is  not assigned**

**6. List all salesmen who live in city where  name starts with P or N**

**19. Try all TCL commands.**