**Assignment – 7**

**Consider same table as in the last lab**

| 1 | Create following tables and solve the  queries |
| --- | --- |
|  | 1. create table category(        cid int primary key,        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),     constraint fk\_sid foreign key(sid) references salesman1(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. Display count of products to whom category is not assigned. | | 7. Write a query to list proid,pname,catid and price of all products whose price is more than the average price of the products in that category. | | 8. List count of products sold by each salesman. | |
| 2. | List all employees reporting to the mgr to whom Smith reports. |
| 3 | Try out on delete set null/cascade and on update set null/cascade done in calss. |
| 4 | Practice not in /in sub queries done in class demao.  Add new row in emp having deptno 80 and another row with deptno null. |

**Extra assignments on Date and Time Functions**

| 1 | Write a query to display the first day of the month (in datetime format) three months before the current month.  Sample current date : 2014-09-03  Expected result : 2014-06-01 |
| --- | --- |
| 2 | Write a query to display the last day of the month (in datetime format) three months before the current month. |
| 3 | Write a query to get the distinct Mondays from hiredate in emp tables. |
| 4 | Write a query to get the first day of the current year. |
| 5 | Write a query to get the last day of the current year. |
| 6 | Write a query to calculate your age in year. |
| 7 | Write a query to get the current date in the following format. Sample date : 04-sep-2014 Output : September 4, 2014 |
| 8 | Write a query to get the current date in Thursday September 2014 format. Thursday September 2014 |
| 9 | Write a query to extract the year from the current date. |
| 10 | Write a query to get the first name and hire date from employees table where hire date between '1987-06-01' and '1987-07-30' |
| 11 | Write a query to display the current date in the following format. Sample output: Thursday 4th September 2014 00:00:00 |
| 12 | Write a query to display the current date in the following format. Sample output: 05/09/2014 |
| 13 | Write a query to display the current date in the following format. Sample output: 12:00 AM Sep 5, 2014 |
| 14 | Write a query to get the employees who joined in the month of June. |
| 15 | Write a query to get the years in which more than 4 employees joined. |
| 16 | Write a query to get first name of employees who joined in 1983. |
| 17 | Write a query to get employees whose experience is more than 5 years. |
| 18 | Write a query to get employee ID, name, and date of first salary of the employees. Consider that first salary date is one month after employee joining. |
| 19 | Write a query to get first name, hire date and experience of the employees. |
| 20 | Write a query to get the  display year , and number of employees joined in 1981. |