create table emp\_Samrat

(emp\_code varchar(5) primary key, emp\_name varchar(20),dept\_code varchar(5),desig\_code varchar(5),sex varchar(1),address varchar(25),city varchar(20), state varchar(20), pin varchar(6),basic decimal(8,2),jn\_dt date);

create table designation\_Samrat

(desig\_code varchar(5) primary key,

desig\_desc varchar(20));

create table department\_Samrat

(dept\_code varchar(5) primary key,

dept\_name varchar(15));

desc emp\_samrat;

insert into emp\_Samrat values('E1', 'Ram', 'DP1', 'D1','M','Jadavpur','Kolkata','West Bengal','700008','12345.67','17-FEB-2018');

insert into emp\_Samrat values('E2', 'Shyam', 'DP1', 'D2','M','7 Lake Road','Mumbai','Maharashtra','700104',null,'1-MAY-2018');

insert into emp\_Samrat values('E3', 'Rita', null, 'D1','F','8 Street','Hyderabad','AP','700104',null,'1-FEB-2019');

insert into emp\_Samrat values('E4', 'Deb', null, 'D2','M','New Town','Chennai','Tamil Nadu','70104','0','23-NOV-2018');

insert into emp\_Samrat values('E5', 'Gita', 'DP3', 'D3','F','High Road','Mumbai','Maharashtra','8301','123891','1-FEB-2017');

insert into emp\_Samrat values('E6', 'Jake', 'DP4', 'D3','F','High Road','Mumbai','Maharashtra','8301','12000','3-FEB-2000');

insert into emp\_Samrat values('E7', 'Jack', 'DP4', 'D3','F','High Road','Mumbai','Maharashtra','8301','15000','2-FEB-2000');

insert into emp\_Samrat values('E8', 'Jill', 'DP5', 'D3','F','High Road','Mumbai','Maharashtra','8301','56000','1-FEB-2000');

update emp\_Samrat set dept\_code = 'DP2' where emp\_name = 'Rita';

update emp\_Samrat set dept\_code = 'DP2' where emp\_name = 'Deb';

insert into designation\_Samrat values('D1', 'Manager');

insert into designation\_Samrat values('D2', 'Executive');

insert into designation\_Samrat values('D3', 'Officer');

insert into designation\_Samrat values('D4', 'Clerk');

insert into designation\_Samrat values ('D5','Helper');

insert into department\_Samrat values

('DP1','Personnel');

insert into department\_Samrat values('DP2','Production');

insert into department\_Samrat values('DP3','Purchase');

insert into department\_Samrat values('DP4','Finance');

insert into department\_Samrat values('DP5','Research');

select \* from emp\_Samrat;

select \* from designation\_Samrat;

select \* from department\_Samrat;

---2

select dept\_code, min(basic) as Minimum\_Basic from emp\_Samrat group by dept\_code;

select dept\_code, max(basic) as Maximum\_Basic from emp\_Samrat group by dept\_code;

select dept\_code, avg(basic) as Average\_Basic from emp\_Samrat group by dept\_code;

---2

select dept\_code ,count(\*) as female\_employees from emp\_samrat where emp\_samrat.sex='F' group by dept\_code;

---3

select city,dept\_code,count(\*) from emp\_Samrat group by city,dept\_code;