**DB queries**

//create a table department

create table sample\_department (dept\_id number primary key,dept\_name varchar2(30))

//create a table employee

create table sample\_employee (emp\_id number primary key,emp\_name varchar2(30),emp\_salary number,emp\_dept\_id number references sample\_department(dept\_id))

//add a column location in the sample\_department

alter table sample\_department add location varchar(20)

//add columns job,manager hiredate in the sample\_department

alter table sample\_employee add (job varchar2(30),manager varchar2(20),hiredate date)

//update programming as job for all the employees

update sample\_employee set job = 'programming'

//update manager name as don for all the employee

update sample\_employee set manager = 'don'

//increase salary by 10% for particular employee

update sample\_employee set emp\_salary= emp\_salary + ((emp\_salary\*10)/100) where emp\_id=3

//increase salary of all employee by 10% for particular department

update sample\_employee set emp\_salary= emp\_salary + ((emp\_salary\*10)/100) where emp\_dept\_id=102

//fetch all the employee from the tables

select \* from sample\_employee

//fetch all the department from the table

select \* from sample\_department

// Fetch all the employees order by salary

select \* from sample\_employee order by emp\_salary asc|desc

// Fetch all the employees who are getting salary > some amount

select emp\_name from employee where emp\_salary>5000

//Fetch all the employees , no\_of days worked from Employee table.

select emp\_name,curdate()-hiredate from sample\_employee

or

select emp\_name,datediff(day,hiredate,curdate()) as datediff from sample\_employee

// Fetch all the employees details whose name starting with some character

select \* from sample\_employee where emp\_name like 's%'

//Fetch all the employees details whose name starting with some character and ending with some other character

select \* from sample\_employee where emp\_name like 's%m'

// Fetch all the employees details whose name starting with some character and exactly having the length( say 5)

select \* from sample\_employee where length(emp\_name)=5

// Fetch all the employess who joined in a particular month.

select emp\_name from sample\_employee where month(hiredate)=09

// Fetch all the employees who are having 4 digits salary.

select \* from sample\_employee where emp\_salary between 1000 and 9999

// Fetch all the employees who are belongs to particular department name;

select \* from sample\_employee where emp\_dept\_id = 102

// Fetch all the employees who‘s salary between from amount1 and amount2.

select \* from sample\_employee where emp\_salary between 3000 and 8000

// Fetch all the employees from given 3 departments

select \* from sample\_employee where emp\_dept\_id=102 or emp\_dept\_id=101

//Fetch all the employees who salary more than a particular employee( name= ram)

select emp\_name,job from sample\_employee where job=(select job from sample\_employee where emp\_name='sam')

//Fetch all the employees who’s job is same as a particular employee( name= ram)

select emp\_name,emp\_salary from sample\_employee where emp\_salary>(select emp\_salary from sample\_employee where emp\_name='sarav')

// Fetch all the employees who are senior to a particular employee( name= ram)

select emp\_name,hiredate from sample\_employee where hiredate<(select hiredate from sample\_employee where emp\_name='xav')

// Fetch the highest paid employee details.

select \* from sample\_employee where emp\_salary=(select max(emp\_salary) from sample\_employee)

// Fetch the highest paid employee in particular department

select \* from sample\_employee where emp\_salary=(select max(emp\_salary) from sample\_employee where emp\_dept\_id=102)

//Fetch the highest paid employees in each department