**EXP 2 EMPLOYEE DATABASE**

**Aim:**

Consider the employee database given below

**emp** (emp\_id,emp\_name, Street\_No, city)

**works** (emp\_id, company name, salary)

**company** (company name, city)

**manages** (emp\_id, manager\_id)

**Note: Emp\_id should start with ‘E’ in Emp table and emp\_id in works table must be the emp\_id from emp table .emp\_id and manager\_id in manages table must be the emp\_id from emp table**

1. Find the names of all employees who work for SBI.

**Query**

select emp\_name from emp,works where company\_name='SBI' and emp.emp\_id=works.emp\_id;

**Output**



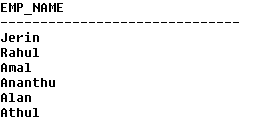
1. Find all employees in the database who live in the same cities as the companiesfor

which they work.

**Query**

select emp\_name from emp,works,company where emp.emp\_id=works.emp\_id and emp.city=company.city and works.company\_name=company.company\_name;

**Output**



c. Find all employees who earn more than the average salary of all employees of their

company.

**Query**

select emp\_name,emp.emp\_id,salary from works,emp where salary>(select avg(salary) from works a where works.company\_name=a.company\_name)and emp.emp\_id=works.emp\_id;

**Output**

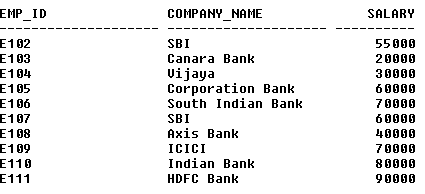


1. Give all managers of SBI a 10 percent raise.

**Query**

update works set salary=salary\*1.1 where emp\_id in(select manager\_id from manages) and company\_name='SBI';

**Output**



e. Find the company that has the most employees

**Query**

select company\_name from works group by company\_name having count(distinct emp\_id)>=all(select count(distinct emp\_id) from works group by company\_name);

**Output**



f. Find those companies whose employees earn a higher salary, on average than the

average salary at Indian Bank.

**Query**

select company\_name from works group by company\_name having avg(salary)>(select avg(salary) from works where company\_name='Indian Bank' group by company\_name);

**Output**



g. Query to find name and salary of all employees who earn more than each employee

of ‘Indian Bank’

**Query**

select emp\_name,salary from works,emp where salary>(select max(salary) from works where company\_name='Indian Bank' group by company\_name) and emp.emp\_id=works.emp\_id;

**Query**

