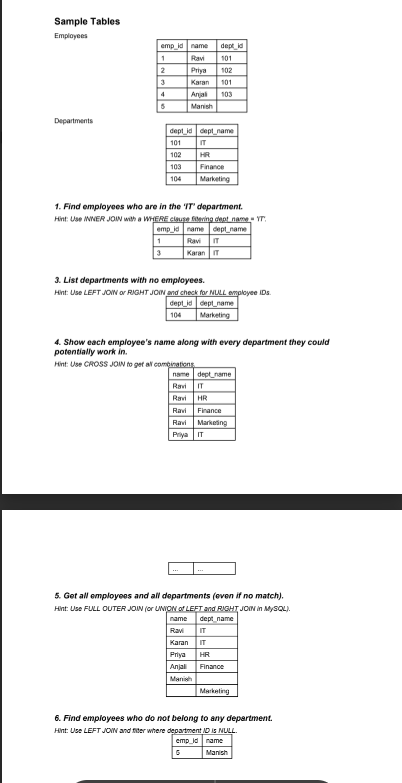
**SQL ASSIGNMENT-4**

**QUESTIONS:**



**ANSWER:**

**USE new;**

**create table Employees1(emp\_id int,name varchar(20),dept\_id int);**

**insert into Employees1 values(1,"Ravi",101),(2,"Priya",102),(3,"Karan",101),(4,"Anjali",103);**

**insert into Employees1 (emp\_id,name)values(5,"Manish");**

**select\*from Employees1;**

**create table Departments(dept\_id int, dept\_name varchar(20));**

**insert into Departments values(101,"IT"),(102,"HR"),(103,"Finance"),(104,"Marketing");**

**select\*from Departments;**

**select emp\_id,name,dept\_name from Employees1 e inner join Departments d on e.dept\_id = d.dept\_id where d.dept\_name = 'IT';**

**select emp\_id,name from Employees1 e left join Departments d on e.dept\_id = d.dept\_id where e.dept\_id is null;**

**select e.name,d.dept\_name from Employees1 e cross join Departments d;**

**select e.name,d.dept\_name from Employees1 e left join Departments d on e.dept\_id = d.dept\_id**

**union**

**select e.name,d.dept\_name from Employees1 e right join Departments d on e.dept\_id = d.dept\_id;**

**select emp\_id,name from Employees1 e left join Departments d on e.dept\_id = d.dept\_id where e.dept\_id is null;**

