

ASSIGNMENT – 5

```
SQL> create table Client_Data
  2  (Id integer primary key,
  3  Name varchar(10),
  4  Age integer);
SQL> create table Client_data
  2  (Id int PRIMARY KEY, Name varchar(10), Age int);
Table created.
SQL> insert into client_data values(101,'Vishwas',33);
1 row created.
SQL> insert into client_data values(102,'Vijay',32);
1 row created.
SQL> insert into client_data values(103,'Vithal',29);
1 row created.
SQL> insert into client_data values(104,'Vikram',33);
1 row created.
SQL> insert into client_data values(105,'Vinay',28);
1 row created.
SQL> select * from client_data;
```

ID	NAME	AGE
101	Vishwas	33
102	Vijay	32
103	Vithal	29
104	Vikram	33
105	Vinay	28

21se02ml006

Select * from Employee_Source;

EMPID	FNAME		LNAME	BDATE	DJOIN
CITY		G	SALARY	DEPTID	MANGID
101	Gopal		Sharma	12-JUN-80	21-JUL-00
surat		M	45000	101	101
102	Rekha		Gupta	21-MAY-81	21-JUL-00
bharuch		F	42000	101	101
103	Teena		Patel	18-FEB-78	28-DEC-00
navsari		F	12500	102	102
EMPID	FNAME		LNAME	BDATE	DJOIN
CITY		G	SALARY	DEPTID	MANGID
104	Hitesh		Velvi	23-MAR-83	25-MAR-04
bardoli		M	41000	103	103
105	Naman		Shukla	21-DEC-82	22-DEC-06
bhavnagar		M	39000	104	104
108	Dipen		Mehta	21-MAR-90	23-MAR-21
Bharuch		M	25000		

```

create table Project_Data
2  (Id integer primary key,
3   EmpId integer references Employee_Source,
4   ClientId integer references Client_Data,
5   ProjectName varchar(10));

```

```
SQL> create table Project_data(ID int, Empid int, ClientId int, ProjectName varchar(12));
```

```
Table created.
```

```
SQL> insert into Project_data values(1,101,101,'CRM');
```

```
1 row created.
```

```
SQL> insert into Project_data values(2,101,102,'SCM');
```

```
1 row created.
```

```
SQL> insert into Project_data values(3,102,103,'ERP');
```

```
1 row created.
```

```
SQL> insert into Project_data values(4,104,104,'QM Tool');
```

```
1 row created.
```

```
SQL> insert into Project_data values(5,105,105,'SAP');
```

```

select
employee_source.empid,employee_source.fname,employee_source.lname,project_
data.Id,project_data.projectname
from employee_source
inner join project_data on employee_source.empid=project_data.empid;

```

EMPID	FNAME	LNAME	ID	PROJECTNAME
101	Gopal	Sharma	2	SCM
101	Gopal	Sharma	1	CRM
102	Rekha	Gupta	3	ERP
104	Hitesh	Velvi	4	QM Tool
105	Naman	Shukla	5	SAP

```

select employee_source.empid, project_data.Id, project_data.projectname
2  from employee_source
3  left join project_data
4  on employee_source.empid = project_data.empid;

```

EMPID	ID	PROJECTNAME
101	1	CRM
101	2	SCM
102	3	ERP
104	4	QM Tool
105	5	SAP
103		
108		

```

select employee_source.fname,employee_source.lname,
2  project_data.Id,project_data.projectname
3  from employee_source
4  right join
5  project_data
6  on employee_source.empid=project_data.empid;

```

FNAME	LNAME	ID	PROJECTNAME
Gopal	Sharma	2	SCM
Gopal	Sharma	1	CRM
Rekha	Gupta	3	ERP
Hitesh	Velvi	4	QM Tool
Naman	Shukla	5	SAP

write a SQL query to find those employees whose salary matches the lowest salary of any of the departments.

FNAME	LNAME	SALARY	DEPTID
Rekha	Gupta	42000	101
Teena	Patel	12500	102
Hitesh	Velvi	41000	103
Naman	Shukla	39000	104
Dipen	Mehta	25000	

21se02ml006

write a SQL query to find those employees who report to that manager whose first name is 'Gopal'.

FNAME	LNAME	EMPID	SALARY
Gopal	Sharma	101	45000
Rekha	Gupta	102	42000

write a SQL query to find those employees who work in the same department as 'Rekha'. Exclude all those records where first name is 'Rekha'.

FNAME	LNAME	DEPTID
Gopal	Sharma	101