

## Office Dataset

Q. Enlist all the employees ID's, names along with the Project allocated to them.

```
SELECT Employee.EmpID, Employee.EmpFname, Employee.EmpLname, Project.ProjectID, Project.ProjectName
FROM Employee JOIN Project ON Employee.EmpID = Project.EmpID;
```

Q. Fetch out all the employee ID's and their contact detail who have been working from Delhi or have clients in Kolkata.

```
SELECT Employee.EmpID, Employee.EmailID, Employee.PhoneNo, Client_d.ClientFname, Client_d.ClientLname
FROM Employee JOIN Client_d ON Employee.EmpID = Client_d.EmpID
where Employee.City IN ("Delhi" , "Kolkata");
```

Q. List out all the project names with corresponding client's email id, for all the projects that were allocated after April 2021 and order them in descending order of the age of clients.

```
SELECT Project.ProjectName, Client_d.ClientEmailID
FROM Project LEFT JOIN Client_d ON Project.ClientID = Client_d.ClientID
WHERE Project.ProjectStartDate > "2021-04-30"
ORDER BY Client_d.Age DESC;
```

Q. Fetch out each project allocated to which employee.

```
SELECT Employee.EmpFname, Employee.EmpLname, Project.ProjectID, Project.ProjectName
FROM Employee LEFT JOIN Project ON Employee.EmpID = Project.EmpID;
```

Q. List out all the projects along with the employee's name and their respective allocated email ID.

```
SELECT Project.ProjectID, Project.ProjectName, Employee.EmpFname, Employee.EmpLname, Employee.EmailID
```

**FROM** Project **LEFT JOIN** Employee **ON** Project.EmpID = Employee.EmpID;

Q. List out all the client details email address, whose age is between 25 to 35, along with the projects assigned to them in ascending order of their age and project ID. Also, use c for client\_d and p for project, as alias name of tables.

**SELECT** Client\_d.ClientID, Client\_d.ClientFname, Client\_d.ClientLname, Client\_d.ClientEmailID, Project.ProjectID, Project.ProjectName

**FROM** Client\_d **LEFT JOIN** Project **ON** Client\_d.ClientID = Project.ClientID

**where** Client\_d.Age **BETWEEN 25 AND 35**

**ORDER BY** Client\_d.Age **ASC**, Project.ProjectID **ASC**;

Q. List out all the combinations possible for the employee's name and projects that can exist (NULL included).

**SELECT** Employee.EmpFname, Employee.EmpLname, Project.ProjectID

**FROM** Employee **CROSS JOIN** Project;