## Write SQL Queries. Submission:

Write all the queries in the file and push into a github repository. Share the Github repo url in email to [praveen@awign.com](mailto:praveen@awign.com) and manav.sharma@awign.com

## 

## Table Name:- Employee

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Empid** | **EmpName** | **Department** | **ContactNo** | **EmailId** | **EmpHeadId** |
| 101 | Isha | E-101 | 1234567890 | isha@gmail.com | 105 |
| 102 | Priya | E-104 | 1234567890 | priya@yahoo.com | 103 |
| 103 | Neha | E-101 | 1234567890 | neha@gmail.com | 101 |
| 104 | Rahul | E-102 | 1234567890 | rahul@yahoo.com | 105 |
| 105 | Abhishek | E-101 | 1234567890 | abhishek@gmail.com | 102 |

## Table :- EmpDept

|  |  |  |  |
| --- | --- | --- | --- |
| **DeptId** | **DeptName** | **Dept\_off** | **DeptHead** |
| E-101 | HR | Monday | 105 |
| E-102 | Development | Tuesday | 101 |
| E-103 | Hous Keeping | Saturday | 103 |
| E-104 | Sales | Sunday | 104 |
| E-105 | Purchage | Tuesday | 104 |

## Table :- EmpSalary

|  |  |  |
| --- | --- | --- |
| **EmpId** | **Salary** | **IsPermanent** |
| 101 | 2000 | Yes |
| 102 | 10000 | Yes |
| 103 | 5000 | No |
| 104 | 1900 | Yes |
| 105 | 2300 | Yes |

## Table :- Project

|  |  |
| --- | --- |
| **ProjectId** | **Duration** |
| p-1 | 23 |
| p-2 | 15 |
| p-3 | 45 |
| p-4 | 2 |
| p-5 | 30 |

## Table :- Country

|  |  |
| --- | --- |
| **cid** | **cname** |
| c-1 | India |
| c-2 | USA |
| c-3 | China |
| c-4 | Pakistan |
| c-5 | Russia |

## Table :- ClientTable

|  |  |  |
| --- | --- | --- |
| **ClientId** | **ClientName** | **cid** |
| cl-1 | ABC Group | c-1 |
| cl-2 | PQR | c-1 |
| cl-3 | XYZ | c-2 |
| cl-4 | tech altum | c-3 |
| cl-5 | mnp | c-5 |

## Table :- EmpProject

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **EmpId** | **ProjectId** | **ClientID** | **StartYear** | **EndYear** |
| 101 | p-1 | Cl-1 | 2010 | 2010 |
| 102 | p-2 | Cl-2 | 2010 | 2012 |
| 103 | p-1 | Cl-3 | 2013 |  |
| 104 | p-4 | Cl-1 | 2014 | 2015 |
| 105 | p-4 | Cl-5 | 2015 |  |

### 1. Select the detail of the employee whose name starts with P.

Select \* from Employee where EmpName like “P%”;

### 2. How many permanent candidates take a salary more than 5000.

Select count(\*) from EmpSalary where salary>5000 and IsPermanent = “YES”;

### 3. Select the detail of the employee whose emailId is in gmail.

Select \* from Employee where EmailId like “%@gmail.com”;

### 4. Select the details of the employee who works either for department E-104 or E-102.

Select \* from Employee where Department = “E-104” or Department=”E-102”;

### 5. What is the department name for DeptID E-102?

Select DeptName from EmpDept where DeptId = “E-102”;

### 6. What is the total salary that is paid to permanent employees?

Select sum(salary) from EmpSalary where IsPermanent=”YES”;

### 7. List name of all employees whose name ends with a.

Select EmpName from Employee where EmpName like “%a”;

### 8. List the number of departments of employees in each project.

### 9. How many projects started in 2010.

Select count(\*) from EmpProject where StartYear = 2010;

### 10. How many projects started and finished in the same year.

Select count(\*) from EmpProject where StartYear = EndYear;;

### 11. select the name of the employee whose name's 3rd character is 'h'.

Select EmpName from Employee where EmpName like “\_\_h%”;

### 1. Select the department name of the company which is assigned to the employee whose employee id is greater 103.

### 2. Select the name of the employee who is working under Abhishek.

Select EmpName from Employee where EmpHeadId in (select Distinct EmpHeadId from Employee where EmpName = “Abhishek”);

### 3. Select the name of the employee who is department head of HR.

Select EmpName from Employee where EmpId = (select DeptHead from EmpDept where DeptName = “HR”);

### 4. Select the name of the employee head who is permanent.

Select EmpName from Employee Join EmpSalary on Employee.EmpHeadId = EmpSalary.EmpId where EmpSalary.IsPermanent = “Yes” and Employee.EmpId In (select Distinct EmpHead from Employee);

### 5. Select the name and email of the Dept Head who is not Permanent.

Select EmpName, EmailId from Employee Join EmpDept on Employee.EmpId = EmpDept.DeptHead Join EmpSalary on EmpDept.DeptHead = EmpSalary.EmpId where EmpSalary.IsPermanent = “No”;

### 6. Select the employee whose department off is monday

Select \* from Employee where Department In (select DeptId from Department where Dept\_off = “monday”);

### 7. select the indian clients details.

Select \* from ClientTable where cid In (select cid form Country where cname = “India”);

### 8. select the details of all employees working in the development department.

Select \* from Employee where Department in (select DeptId form EmpDept where DeptName = “Development”);