## SQL Queries:

## 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(EmpId) from EmpSalary where IsPermanent = ‘YES’ and Salary > 5000;

### 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  \*  from Employee where EmpName like “%a”;

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

Select count(empid) , Projectid from Empproject group by Projectid

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

Select count(ProjectId) from EmpProject where StartYear=2010;

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

Select count(projectid) from empproject where startyear=endyear

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

Select  \*  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.

Select DeptName from EmpDept where DeptId in (Select Department from Employee where Empid > 103);

### 

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

select empname from employee where empheadid =(select empid 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 where empid in(select empheadid from employee) and empid in(select empid from empsalary where ispermanent='yes')

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

select empname, emaildid from employee where empid in(select depthead from empdept ) and empid in(select empid from empsalary where ispermanent='no')

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

select \* from employee where department in(select deptid from empdept where dept\_off='monday')

### 

### 7.   select the indian clients details.

select \* from clienttable where cid in(select cid from country where cname='india')

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

select \* from employee where department in(select deptid from empdept where deptname='development')

By

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