## 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 |
|  |  |  |  |  |  |

## CREATE TABLE Employee1 (

## EmpId INT PRIMARY KEY,

## EmpName VARCHAR(50),

## Department VARCHAR(10),

## ContactNo VARCHAR(15),

## EmailId VARCHAR(100),

## EmpHeadId INT

## );

## 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 |
|  |  |  |  |

CREATE TABLE EmpDept (

DeptId VARCHAR(10) PRIMARY KEY,

DeptName VARCHAR(50),

Dept\_off VARCHAR(20),

DeptHead INT );

## EmpSalary

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

CREATE TABLE EmpSalary (

EmpId INT PRIMARY KEY,

Salary INT,

IsPermanent VARCHAR(3)

);

## Project

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

## CREATE TABLE Project (

## ProjectId VARCHAR(10) PRIMARY KEY,

## Duration INT

## );

## Country

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

## CREATE TABLE Country (

## cid VARCHAR(10) PRIMARY KEY,

## cname VARCHAR(50)

## );

## 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 |
|  |  |  |

create table clientable (

clientid varchar(10) Primary key,

clientname varchar(250),

cid varchar(10));

## 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 |  |

CREATE TABLE EmpProject (

EmpId INT,

ProjectId VARCHAR(10),

ClientID VARCHAR(10),

StartYear INT,

EndYear INT

);

1. Select the detail of the employee whose name start with P.

Select \* from employee where empname like ‘P%’

1. How many permanent candidate take salary more than 5000.

Select \* from empsalary where IsPermanent = ‘Yes’ and salary > 5000

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

Select \* from employee where emailid like ‘%gmail.com’

### 4. Select the details of the employee who work 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 \* from empdept where deptID= ‘E-102’

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

Select \* from employee where department=‘E-104’ or department=’E-102’

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

Select deptName from EmpDept where DeptID = ‘E-102’

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

### Select sum(salary) as salary from EmpSalary where IsPermanent = ‘Yes’

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

Select \* from employee where empname like ‘%a’

### 10. How many project started in year 2010.

Select count(ProjectID) from EmpProject where StartYear=’2010’

### 11. How many project started and finished in the same year.

Select count(ProjectID) from EmpProject where StartYear=EndYear