

6. For the given Employee database

EmployeeInfo(EmpID[PK],EmpFname,EmpLname,Department,Project,Address,DOB,Gender)

EmployeePosition(EmpID[FK],EmpPosition,DateOfJoining,Salary)

-- Create the Employee Database

```
CREATE DATABASE EmployeeDB;
```

-- Use the Employee Database

```
USE EmployeeDB;
```

-- Create the "EmployeeInfo" Table

```
CREATE TABLE EmployeeInfo (  
    EmpID INT PRIMARY KEY,  
    EmpFname VARCHAR(255),  
    EmpLname VARCHAR(255),  
    Department VARCHAR(50),  
    Project VARCHAR(50),  
    Address VARCHAR(255),  
    DOB DATE,  
    Gender CHAR(1)  
);
```

-- Create the "EmployeePosition" Table

```
CREATE TABLE EmployeePosition (  
    EmpID INT PRIMARY KEY,  
    EmpPosition VARCHAR(50),  
    DateOfJoining DATE,  
    Salary DECIMAL(10, 2),  
    FOREIGN KEY (EmpID) REFERENCES EmployeeInfo(EmpID)  
);
```

-- Insert record 1

```
INSERT INTO EmployeeInfo VALUES (1, 'John', 'Doe', 'HR', 'ProjectA', '123 Main St',  
'1990-05-15', 'M');
```

```
INSERT INTO EmployeePosition VALUES (1, 'Manager', '2010-01-15', 75000.00);
```

-- Insert record 2

```
INSERT INTO EmployeeInfo VALUES (2, 'Alice', 'Smith', 'IT', 'ProjectB', '456 Oak St',  
'1988-09-22', 'F');
```

```
INSERT INTO EmployeePosition VALUES (2, 'Developer', '2012-03-20', 90000.00);
```

-- Insert record 3

```
INSERT INTO EmployeeInfo VALUES (3, 'Bob', 'Johnson', 'HR', 'ProjectA', '789 Elm St',  
'1995-11-10', 'M');
```

```
INSERT INTO EmployeePosition VALUES (3, 'HR Specialist', '2014-08-05', 60000.00);
```

- i. **Write a query to fetch the EmpFname from the EmployeeInfo table in the upper case and use the ALIAS name as EmpName.**

```
SELECT UPPER(EmpFname) AS EmpName  
FROM EmployeeInfo;
```

- ii. **Write a query to fetch the number of employees working in the department 'HR'.**

```
SELECT COUNT(*) AS NumberOfEmployees  
FROM EmployeeInfo  
WHERE Department = 'HR';
```

- iii. **Write a query to find all the employees whose salary is between 50000 to 100000**

```
SELECT *  
FROM EmployeeInfo ei  
JOIN EmployeePosition ep ON ei.EmpID = ep.EmpID  
WHERE ep.Salary BETWEEN 50000 AND 100000;
```

- iv. **Write a query to find the names of employees that begin with 'S'**

```
SELECT EmpFname FROM EmployeeInfo WHERE EmpFname LIKE  
'S%';
```

- v. **Write a query to fetch top N records.**

```
SELECT TOP 2 *  
FROM EmployeeInfo;
```

```
SELECT LIMIT 2 *  
FROM EmployeeInfo;
```