

12.Create The following two tables :

College-info

Faculty-info

College-info consists of fields : college-code, college-name, address

Faculty-info consists of fields : college-code, faculty-code, faculty-name, qualification, experience-in-no-of-years, address.

The field college-code is foreign key.

a. Design a form to accept the data from the user.

b. Generate queries to do the following :

c.List all those faculty members whose experience is greater than or equal to 10 years and have M. Tech degree.

d. List all those faculty members, who have at least 10 years of experience but do not have M. Tech degree

-- Create College-info table

```
CREATE TABLE College_info (  
    college_code NUMBER PRIMARY KEY,  
    college_name VARCHAR2(50),  
    address VARCHAR2(100)  
);
```

-- Create Faculty-info table with college_code as a foreign key referencing College_info

```
CREATE TABLE Faculty_info (  
    college_code NUMBER,  
    faculty_code NUMBER PRIMARY KEY,  
    faculty_name VARCHAR2(50),  
    qualification VARCHAR2(50),  
    experience_in_years NUMBER,  
    address VARCHAR2(100),  
    FOREIGN KEY (college_code) REFERENCES College_info(college_code)
```

```
);
```

```
-- Sample data for College_info
```

```
INSERT INTO College_info VALUES (1, 'ABC College', '123 Main Street, City');
```

```
INSERT INTO College_info VALUES (2, 'XYZ College', '456 Oak Street, Town');
```

```
-- Sample data for Faculty_info
```

```
INSERT INTO Faculty_info VALUES (1, 101, 'John Doe', 'M. Tech', 12, '789 Elm Street, City');
```

```
INSERT INTO Faculty_info VALUES (1, 102, 'Jane Smith', 'Ph.D.', 8, '456 Maple Street, City');
```

```
INSERT INTO Faculty_info VALUES (2, 103, 'Bob Johnson', 'M. Tech', 15, '987 Pine Street, Town');
```

```
INSERT INTO Faculty_info VALUES (2, 104, 'Alice Brown', 'B.E.', 11, '654 Birch Street, Town');
```

```
-- Query to list faculty members with experience >= 10 years and M. Tech degree
```

```
SELECT *
```

```
FROM Faculty_info
```

```
WHERE experience_in_years >= 10 AND qualification = 'M. Tech';
```

```
-- Query to list faculty members with at least 10 years of experience but no M. Tech degree
```

```
SELECT *
```

```
FROM Faculty_info
```

```
WHERE experience_in_years >= 10 AND qualification != 'M. Tech';
```