```
CREATE DATABASE _DatabaseName_
USE _DatabaseName_

CREATE TABLE Manager (
    Manager_id INT PRIMARY KEY,
    Manager_name VARCHAR(50)
);

INSERT INTO Manager (Manager_id, Manager_name) VALUES
(101, 'Amit Shah'),
(102, 'Rahul Kumar'),
(103, 'Ravi Verma'),
(104, 'Priya Mehta');

--------------------------------------------------------------------------------
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CREATE TABLE Locations (
    Location_id INT PRIMARY KEY,
    Street_address VARCHAR(100),
    Postal_code VARCHAR(20),
    City VARCHAR(50),
    State VARCHAR(50),
    Country_id VARCHAR(10)
);

INSERT INTO Locations (Location_id, Street_address, Postal_code, City, State,
Country_id) VALUES
(1, '12 MG Road', '560001', 'Bangalore', 'Karnataka', 'IN'),
(2, '45 CP Road', '110001', 'Delhi', 'Delhi', 'IN'),
(3, '78 SB Road', '400001', 'Mumbai', 'Maharashtra', 'IN');

--------------------------------------------------------------------------------
----------

CREATE TABLE Departments (
    Department_id INT PRIMARY KEY,
    Department_name VARCHAR(50),
    Manager_id INT,
    Location_id INT,
    FOREIGN KEY (Manager_id) REFERENCES Manager(Manager_id),
    FOREIGN KEY (Location_id) REFERENCES Locations(Location_id)
);

INSERT INTO Departments (Department_id, Department_name, Manager_id, Location_id)
VALUES
(10, 'IT', 103, 1),
(20, 'Finance', 102, 2),
(30, 'HR', 104, 3);

--------------------------------------------------------------------------------
----------

CREATE TABLE Employee (
    Employee_id INT PRIMARY KEY,
    First_name VARCHAR(50),
    Last_name VARCHAR(50),
    Hire_date DATE,
    Salary DECIMAL(10,2),
```

```sql
    Job_title VARCHAR(50),
    Manager_id INT,
    Department_id INT,
    FOREIGN KEY (Manager_id) REFERENCES Manager(Manager_id),
    FOREIGN KEY (Department_id) REFERENCES Departments(Department_id)
);

INSERT INTO Employee (Employee_id, First_name, Last_name, Hire_date, Salary,
Job_title, Manager_id, Department_id) VALUES
(1, 'Raj', 'Sharma', '2005-06-15', 90000, 'Developer', 101, 10),
(2, 'Asha', 'Singh', '2010-08-20', 85000, 'Developer', 102, 20),
(3, 'Vikram', 'Patel', '2000-05-18', 120000, 'IT Manager', 103, 10),
(4, 'Sunil', 'Nair', '2002-03-10', 110000, 'Senior DevOps', 104, 30),
(5, 'Meena', 'Joshi', '2008-11-11', 75000, 'Accountant', 102, 20),
(6, 'Arjun', 'Desai', '2015-04-25', 60000, 'HR Specialist', 104, 30);
```

----

1. SELECT e.First_name, e.Last_name, e.Salary
   FROM Employee e
   JOIN Departments d ON e.department_id = d.department_id
   WHERE e.Salary > (SELECT AVG(Salary) FROM Employee)
   AND d.Department_name = 'IT';

2. SELECT e.First_name, e.Last_name, e.Salary
   FROM Employee e
   WHERE e.Salary = (SELECT MIN(Salary) FROM Employee);

3. SELECT e.Employee_id, e.First_name, e.Last_name, e.Salary
   FROM Employee e
   WHERE e.Salary > (SELECT AVG(Salary) FROM Employee WHERE department_id =
e.department_id);

4. SELECT d.Department_name, m.Manager_name, l.city
   FROM Departments d
   JOIN Manager m ON d.Manager_id = m.Manager_id
   JOIN Locations l ON d.Location_id = l.Location_id;

5. SELECT m.Manager_name, e.First_name, e.Last_name, e.Hire_date, e.Salary
   FROM Employee e
   JOIN Manager m ON e.Manager_id = m.Manager_id
   WHERE DATEDIFF(CURDATE(), e.Hire_date) > 15 * 365;