--employee table

```
create table Employee(
EmployeeID int primary key,
Name varchar(50),
DepartmentID int,
Salary int,
HireDate date);
INSERT INTO Employee VALUES
(101, 'Arun', 2, 60000, '2022-04-12'),
(102, 'Meena', 1, 45000, '2024-09-15'),
(103, 'Karthik', 2, 75000, '2021-11-25'),
(104, 'Divya', 3, 80000, '2023-03-01'),
(105, 'Sneha', 4, 50000, '2025-02-20');
```

--department table

```
create table Department(
DearptmentId int,
DepartmentName varchar(50));

INSERT INTO Department VALUES
(1, 'HR'),
(2, 'IT'),
(3, 'Finance'),
(4, 'Sales');
```

--performance table

```
create table Performance(
PerformanceId  int,
EmployeeId int,
ReviewDate date,
```

```
Score int,
foreign key (EmployeeId) REFERENCES Employee(EmployeeId));

INSERT INTO Performance VALUES
(1, 101, '2024-01-10', 88),
(2, 102, '2024-02-15', 91),
(3, 103, '2024-03-12', 78),
(4, 104, '2024-04-05', 95),
(5, 105, '2024-05-08', 60);
```

--1

```
SELECT TOP 3 E.Name,
D.DepartmentName,
P.Score,
P.ReviewDate
FROM Performance P
JOIN Employee E
ON P.EmployeeID = E.EmployeeID
JOIN Department D
ON E.DepartmentID = D.DepartmentID
ORDER BY P.Score DESC;
```

--2--

```
SELECT D.DepartmentName,
AVG(P.Score) AS AvgScore
FROM Performance P
JOIN Employee E
ON P.EmployeeID = E.EmployeeID
JOIN Department D
ON E.DepartmentID = D.DepartmentID
GROUP BY D.DepartmentName;
```

--3--

```
SELECT E.Name,
E.Salary,
P.Score
FROM Employee E
JOIN Performance P
ON E.EmployeeID = P.EmployeeID
WHERE E.Salary > (SELECT AVG(Salary) FROM Employee)
  AND P.Score > 80;
```

--4

```
 SELECT Name,
 HireDate
FROM Employee
WHERE HireDate >= DATEADD(YEAR, -1, GETDATE());
```