

RDBMS TASK 4

HR

1. Retrieve the names and contact details of employees hired after January 1, 2023.

```
SELECT FirstName, LastName, Email, Phone
FROM Employees
WHERE HireDate > '2023-01-01'
```

2. Find the total payroll amount paid to each department.

```
SELECT d.DepartmentName, SUM(p.Amount) AS TotalPayroll
FROM Payroll p
JOIN Employees e ON p.EmployeeID = e.EmployeeID
JOIN Departments d ON e.DepartmentID = d.DepartmentID
GROUP BY d.DepartmentName
```

3. List all employees who have not been assigned a manager.

```
SELECT FirstName, LastName
FROM Employees
WHERE ManagerID IS NULL
```

4. Retrieve the highest salary in each department along with the employee's name

```
SELECT d.DepartmentName, e.FirstName, e.LastName, MAX(e.Salary) AS
HighestSalary
FROM Employees e
JOIN Departments d ON e.DepartmentID = d.DepartmentID
GROUP BY d.DepartmentName
```

5. Find the most recent performance review for each employee.

```
SELECT e.FirstName, e.LastName, MAX(pr.ReviewDate) AS MostRecentReview
FROM PerformanceReviews pr
JOIN Employees e ON pr.EmployeeID = e.EmployeeID
GROUP BY e.EmployeeID
```

6. Count the number of employees in each department

```
SELECT d.DepartmentName, COUNT(e.EmployeeID) AS EmployeeCount
FROM Employees e
JOIN Departments d ON e.DepartmentID = d.DepartmentID
GROUP BY d.DepartmentName
```

7. List all employees who have received a performance score of "Excellent." Identify the most frequently used payment method in payroll.

```
SELECT e.FirstName, e.LastName
FROM PerformanceReviews pr
JOIN Employees e ON pr.EmployeeID = e.EmployeeID
WHERE pr.PerformanceScore = 'Excellent'
```

8. Retrieve the top 5 highest-paid employees along with their departments.

```
SELECT PaymentMethod, COUNT(*) AS Frequency
FROM Payroll
GROUP BY PaymentMethod
ORDER BY Frequency DESC
LIMIT 1
```

9. Show details of all employees who report directly to a specific manager (e.g., ManagerID = 101).

```
SELECT e.FirstName, e.LastName, d.DepartmentName, e.Salary
FROM Employees e
JOIN Departments d ON e.DepartmentID = d.DepartmentID
ORDER BY e.Salary DESC
```

LIMIT 5

10. Find the Doctor with the Highest Number of Appointments

```
SELECT FirstName, LastName, Email, Phone  
FROM Employees  
WHERE ManagerID = 101
```
