Sql Task number 4th

# Question number 1st

SELECT \* FROM employees WHERE `HireDate`>'2023-01-01' ;

# Question number 2end

SELECT e.DepartmentID,d.DepartmentName,SUM(p.Amount) TotalPayrollAmount FROM payroll p INNER JOIN employees e ON p.EmployeeID=e.EmployeeID INNER JOIN departments d ON e.DepartmentID=d.DepartmentID GROUP BY d.DepartmentID;

# Question number 3rd

SELECT \* FROM employees WHERE ManagerID IS null;

# Question number 4th

SELECT e.FirstName,e.LastName,MAX(e.Salary),e.DepartmentID,d.DepartmentName FROM employees e INNER JOIN departments d ON e.DepartmentID=d.DepartmentID GROUP BY DepartmentID;

# Question number 5th

SELECT p.EmployeeID,e.FirstName,e.LastName,MAX(p.ReviewDate)RecentPerformanceReviewDate FROM performancereviews p INNER JOIN employees e ON p.EmployeeID=e.EmployeeID GROUP BY p.EmployeeID;

# Question number 6th

SELECT d.DepartmentID,d.DepartmentName,COUNT(e.DepartmentID) NumberOfEmployee FROM employees e INNER JOIN departments d ON e.DepartmentID=d.DepartmentID GROUP BY e.DepartmentID;

# Question number 7th

SELECT e.FirstName,e.LastName,p.PerformanceScore,p.Comments FROM employees e INNER JOIN performancereviews AS p ON e.EmployeeID=p.EmployeeID WHERE p.PerformanceScore="Excellent";

# Question number 8th

-SELECT PaymentMethod MostFreuentlyPaymentMethod,COUNT(PaymentMethod)NumOfTimes FROM payroll GROUP BY PaymentMethod ORDER BY NumOfTimes DESC LIMIT 1;

# Question number 9th

SELECT e.EmployeeID,e.FirstName,e.FirstName,e.Phone,e.Salary,d.DepartmentName FROM employees e INNER JOIN departments d ON e.DepartmentID=d.DepartmentID ORDER BY e.Salary DESC LIMIT 5;

# Question number 10th

- SELECT EmployeeID,FirstName,LastName,DepartmentID FROM employees WHERE ManagerID = 1;