**T-SQL Query Test**

Write a query based on the following questions:

1. Return **employee record with highest salary**
2. Return the **highest salary** in the **employee table**
3. Return the **2nd highest salary** from **employee table**
4. Select **range of employees** based on **id**
5. Return an **employee** with the **highest salary** and the **employee's department name**
6. Return **highest salary, employee\_name and department\_name** for **each department**

Answers:

|  |
| --- |
| 1. SELECT \* FROM Employees WHERE Salary = (SELECT Max(Salary) FROM Employees) |
| 1. SELECT MAX(Salary) AS 'TotalSalary' FROM Employees;   OR  SELECT Max(Salary) AS ‘TotalSalary’  FROM Employees  WHERE Salary < (SELECT MAX(Salary) FROM Employees); |
| SELECT MAX(salary) FROM Employees WHERE Salary NOT IN (SELECT Max(Salary) FROM Employees);  OR  SELECT \* FROM Employees order by EmployeeID desc OFFSET 1 ROW  FETCH NEXT 1 ROW Only |
| 1. SELECT \* FROM Employees WHERE (EmployeeID BETWEEN '102' and '108');   OR  SELECT \* FROM Employees WHERE 108 < EmployeeID |
| SELECT Employee, Department, Salary FROM Employees WHERE Salary = (SELECT Max(Salary) FROM Employees); |
| 1. SELECT Department, max(Salary) FROM Employees GROUP BY Department;   OR  SELECT Department, MAX(Salary) AS MaxSalary  FROM Employees  GROUP BY Department` |