

1)

```
SELECT TOP 1
    DepartmentName,
    SUM((Salary * 12) + ISNULL(Commission, 0)) AS TotalAnnualCompensation
FROM
    Employees
GROUP BY
    DepartmentName
ORDER BY
    TotalAnnualCompensation DESC;
```

2)

```
SELECT TOP 1
    YEAR(HireDate) AS HireYear,
    COUNT(*) AS NumberOfEmployeesHired
FROM
    Employees
WHERE
    HireDate IS NOT NULL -- Ensure HireDate is not NULL
GROUP BY
    YEAR(HireDate)
ORDER BY
    NumberOfEmployeesHired DESC;
```

3) SELECT TOP 1

```
    YEAR(e.HireDate) AS HireYear,
    COUNT(e.EmployeeID) AS NumberOfEmployeesHired,
    AVG(e.Salary) AS AverageSalaryInThatYear
FROM
    Employees e
```

WHERE

e.HireDate IS NOT NULL

GROUP BY

YEAR(e.HireDate)

ORDER BY

NumberOfEmployeesHired DESC;

4) SELECT

EmployeeName,

HireDate AS DATACONTRATACAO,

CASE

WHEN HireDate = (SELECT MAX(HireDate) FROM Employees) THEN '*'

ELSE "

END AS maxdate

FROM

Employees

ORDER BY

HireDate DESC;

5) SELECT TOP 3

EmployeeName,

Salary,

ISNULL(Commission, 0) AS Commission,

(Salary + ISNULL(Commission, 0)) AS TotalCompensation

FROM

Employees

ORDER BY

TotalCompensation DESC;