Exercise 1: Ranking and Window Functions

Code:  
  
CREATE TABLE Employees (

EmpID INT,

Name VARCHAR(50),

Department VARCHAR(50),

Salary INT

);

INSERT INTO Employees (EmpID, Name, Department, Salary) VALUES

(1, 'Alice', 'HR', 60000),

(2, 'Bob', 'HR', 55000),

(3, 'Carol', 'IT', 70000),

(4, 'Dave', 'IT', 70000),

(5, 'Eve', 'IT', 65000);

SELECT

EmpID,

Name,

Department,

Salary,

RANK() OVER (PARTITION BY Department ORDER BY Salary DESC) AS RankInDept,

DENSE\_RANK() OVER (PARTITION BY Department ORDER BY Salary DESC) AS DenseRankInDept,

ROW\_NUMBER() OVER (PARTITION BY Department ORDER BY Salary DESC) AS RowNumInDept

FROM

Employees;  
  
Output:  
