```sql
-- Create Sales Table with additional columns
CREATE TABLE Sales (
    SaleID INT PRIMARY KEY,
    SaleDate DATE,
    SaleAmount DECIMAL(10, 2),
    Salesperson VARCHAR(100),
    Region VARCHAR(50)
);

-- Insert Data into Sales Table with duplicates
INSERT INTO Sales (SaleID, SaleDate, SaleAmount, Salesperson, Region) VALUES (1,
'2024-09-01', 500.00, 'Alice', 'North');
INSERT INTO Sales (SaleID, SaleDate, SaleAmount, Salesperson, Region) VALUES (2,
'2024-09-02', 1500.00, 'Bob', 'West');
INSERT INTO Sales (SaleID, SaleDate, SaleAmount, Salesperson, Region) VALUES (3,
'2024-09-03', 750.00, 'Charlie', 'North');
INSERT INTO Sales (SaleID, SaleDate, SaleAmount, Salesperson, Region) VALUES (4,
'2024-09-04', 1200.00, 'Alice', 'East');
INSERT INTO Sales (SaleID, SaleDate, SaleAmount, Salesperson, Region) VALUES (5,
'2024-09-05', 500.00, 'Bob', 'North');
INSERT INTO Sales (SaleID, SaleDate, SaleAmount, Salesperson, Region) VALUES (6,
'2024-09-06', 1500.00, 'Charlie', 'West');
INSERT INTO Sales (SaleID, SaleDate, SaleAmount, Salesperson, Region) VALUES (7,
'2024-09-07', 1200.00, 'Alice', 'East');
```

```sql
-- Query using ROW_NUMBER()
SELECT
    ROW_NUMBER() OVER (ORDER BY SaleAmount DESC) AS RowNum,
    SaleID,
    SaleDate,
    SaleAmount,
    Salesperson,
    Region
FROM Sales;

-- Query using RANK()
SELECT
    RANK() OVER (ORDER BY SaleAmount DESC) AS Rank,
    SaleID,
    SaleDate,
    SaleAmount,
    Salesperson,
    Region
FROM Sales;

-- Query using DENSE_RANK()
SELECT
    DENSE_RANK() OVER (ORDER BY SaleAmount DESC) AS DenseRank,
    SaleID,
    SaleDate,
    SaleAmount,
    Salesperson,
    Region
FROM Sales;
```

```sql
SELECT dmdogd.CaseNo,
        RANK() OVER( ORDER BY dmdogd.CaseNo DESC) AS __Rank,
        DENSE_RANK() OVER( ORDER BY dmdogd.CaseNo DESC) AS __DENSE_RANK
FROM    DetentionMemoDetailsOfGoodsDetained AS dmdogd WITH(NOLOCK)
```

128 %

Results | Messages

	CaseNo	__Rank	__DENSE_RANK
1	133	1	1
2	132	2	2
3	132	2	2
4	132	2	2
5	131	5	3
6	131	5	3
7	131	5	3
8	129	8	4
9	127	9	5
10	125	10	6
11	125	10	6
12	125	10	6
13	124	13	7
14	124	13	7
15	123	15	8
16	122	16	9
17	122	16	9
18	121	18	10
19	121	18	10
20	120	20	11
21	119	21	12
22	118	22	13
23	118	22	13
24	118	22	13
25	117	25	14
26	117	25	14
27	116	27	15

```sql
SELECT SaleAmount
FROM (
    SELECT
        SaleAmount,
        row_number() OVER (ORDER BY SaleAmount DESC) AS RowNum
    FROM Sales
) AS ranked_salaries
WHERE RowNum = 2;




SELECT SaleAmount
FROM (
    SELECT
        SaleAmount,
        rank() OVER (ORDER BY SaleAmount DESC) AS RowNum
    FROM Sales
) AS ranked_salaries
WHERE RowNum = 2;

SELECT SaleAmount ,SaleID
FROM (
```

```sql
    SELECT
    SaleID,
        SaleAmount,
        dense_rank() OVER (ORDER BY SaleAmount DESC) AS RowNum
    FROM Sales
) AS ranked_salaries
WHERE RowNum = 2;
```

```sql
SELECT
        SaleID,
        SaleAmount,
        DENSE_RANK() OVER (PARTITION BY SaleAmount ORDER BY SaleID desc) AS RowNum
    FROM Sales
```