

|                |                          |
|----------------|--------------------------|
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| <b>Posisi</b>  | <b>.Net Developer</b>    |
| <b>Jawaban</b> | <b>No 6</b>              |



## Soal

### 6. Soal SQL

table: Employee

| ===== |         |        |
|-------|---------|--------|
| ID    | Name    | Salary |
| ===== |         |        |
| 1001  | Robert  | 75000  |
| 1002  | Andy    | 80000  |
| 1003  | William | 65000  |
| 1004  | Faisal  | 60000  |
| 1005  | Jerry   | 75000  |

Tuliskan query untuk menampilkan ID dan Nama employee yang memiliki salary terbesar ke dua tanpa fungsi MAX.

Output:

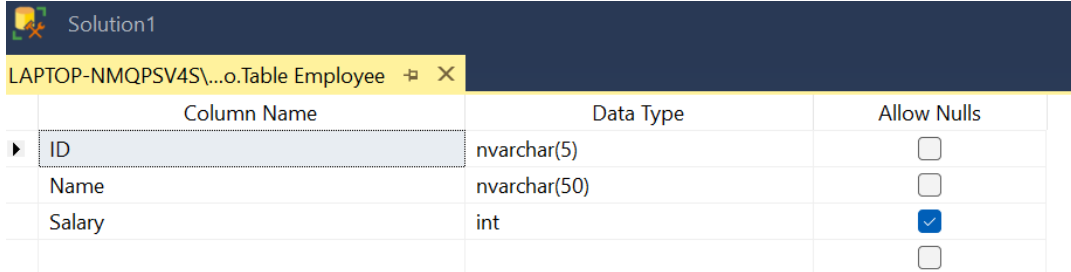
| ===== |        |        |
|-------|--------|--------|
| ID    | Name   | Salary |
| ===== |        |        |
| 1001  | Robert | 75000  |
| 1005  | Jerry  | 75000  |



## Jawaban

Tools yang digunakan : MSSQL

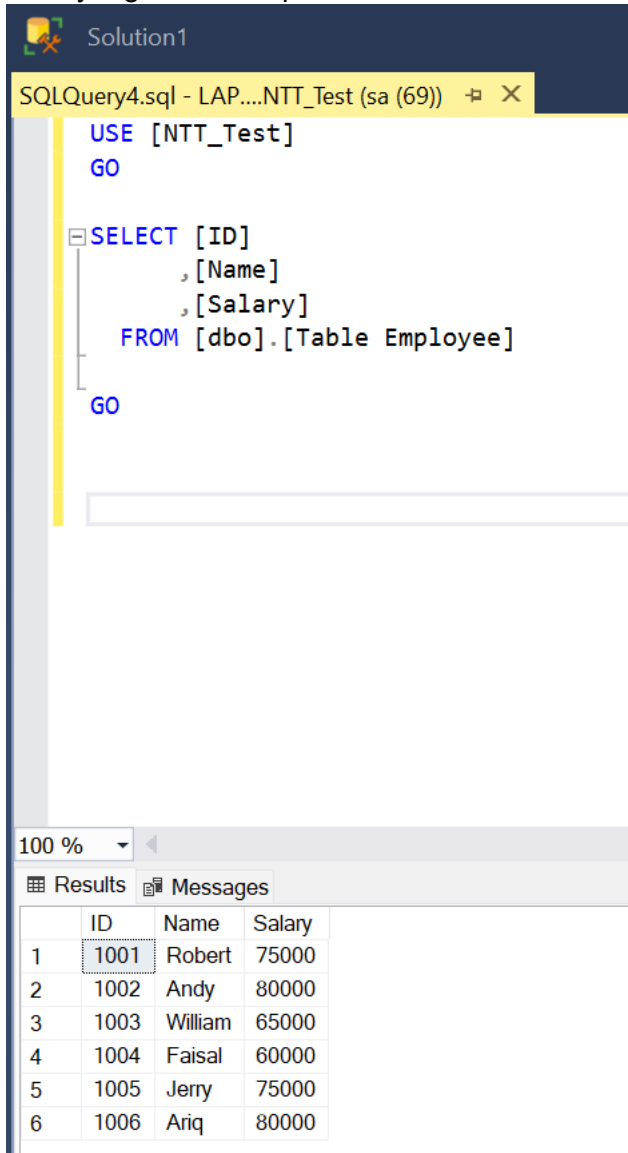
### 1. Proses Pembuatan Tabel Employee



The screenshot shows the 'Table Employee' in a database. The table has three columns: ID, Name, and Salary. The data types and nullability are as follows:

| Column Name | Data Type    | Allow Nulls                         |
|-------------|--------------|-------------------------------------|
| ID          | nvarchar(5)  | <input type="checkbox"/>            |
| Name        | nvarchar(50) | <input type="checkbox"/>            |
| Salary      | int          | <input checked="" type="checkbox"/> |

### 2. Data yang sudah diinputkan.



The screenshot shows a SQL query in the 'SQLQuery4.sql' file. The query is as follows:

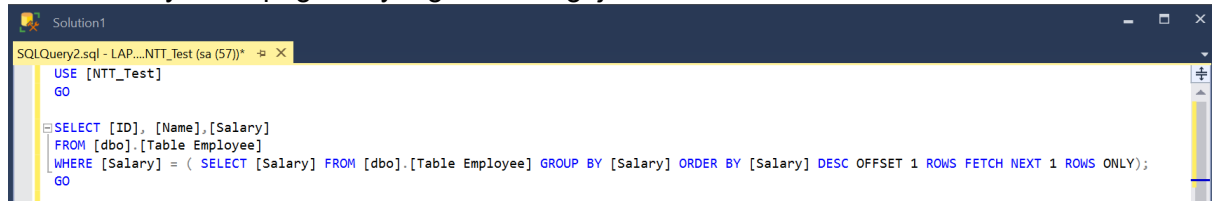
```
USE [NTT_Test]
GO

SELECT [ID]
      ,[Name]
      ,[Salary]
FROM [dbo].[Table Employee]
GO
```

The results of the query are displayed in the 'Results' pane, showing a table with 6 rows and 3 columns: ID, Name, and Salary.

|   | ID   | Name    | Salary |
|---|------|---------|--------|
| 1 | 1001 | Robert  | 75000  |
| 2 | 1002 | Andy    | 80000  |
| 3 | 1003 | William | 65000  |
| 4 | 1004 | Faisal  | 60000  |
| 5 | 1005 | Jerry   | 75000  |
| 6 | 1006 | Ariq    | 80000  |

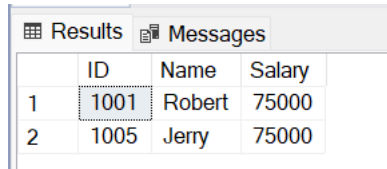
3. Proses menyeleksi pegawai yang memiliki gaji kedua terbesar.



```
USE [NTT_Test]
GO

SELECT [ID], [Name], [Salary]
FROM [dbo].[Table Employee]
WHERE [Salary] = ( SELECT [Salary] FROM [dbo].[Table Employee] GROUP BY [Salary] ORDER BY [Salary] DESC OFFSET 1 ROWS FETCH NEXT 1 ROWS ONLY);
GO
```

4. Hasil Akhir :



|   | ID   | Name   | Salary |
|---|------|--------|--------|
| 1 | 1001 | Robert | 75000  |
| 2 | 1005 | Jerry  | 75000  |

5. Kesimpulan :

Dikarenakan pada soal tidak ditentukan tools utama yang wajib digunakan, maka untuk saat ini Query yang saya kerjakan merujuk kepada Microsoft SQL.