

BEGINNER SQL SERVER
ACTIVITY PERTEMUAN 7
(Pemrograman SQL Server)
LEMBAR JAWABAN

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NPM : 50421119 Shift ke- : 4

1. Buatlah query untuk menghasilkan data seperti dibawah ini (POINT 20)

NAMA ANGGOTA	ID ANGGOTA	BERAT BADAN	HOBY	TANGGAL MASUK
AJENG KARMILASARI	2345	56	RENANG	07-05-1990
ARFINA ANANTA	2346	47	RENANG	07-05-1990
BELLINDA ARMYIANDA	2347	50	RENANG	07-05-1990
ARDINA ASTI	2348	51	RENANG	07-05-1990
ADEL HARDINOTO	2349	54	RENANG	07-05-1990
TRIESA AMBAR	2350	45	RENANG	07-05-1990
BOY ARMYANTO	2351	60	RENANG	07-05-1990
SATYA YUDHA GINANJAR	2352	49	RENANG	07-05-1990
INDRA LESMANA	2353	57	RENANG	07-05-1990
DENDI FAJAR	2354	56	RENANG	07-05-1990

SQLQuery1.sql - DESKTOP-BPUQE1\LEPKOMF4.PERT7_50421119 (DESKTOP-BPUQE1\hp (56))* - Microsoft SQL Server Management Studio (A

File Edit View Query Project Tools Window Help

New Query MDX DNX XMLA DAX

PERT7_50421119 Execute

Object Explorer

Connect

DESKTOP-BPUQE1\LEPKOMF4 (SQL Serv

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SQLQuery1.sql - DE...P-BPUQE1\hp (56))*

--1--

CREATE TABLE ANGGOTA (
"NAMA ANGGOTA" varchar(30),
"ID ANGGOTA" int,
"BERAT BADAN" numeric,
HOBY varchar(30),
"TANGGAL MASUK" DATE)

INSERT INTO ANGGOTA VALUES
('Ajeng Karmilasari', 2345, 56, 'Renang', '07-05-1990'),
('Arfina Ananta', 2346, 47, 'Renang', '07-05-1990'),
('Bellinda Armyanda', 2347, 50, 'Renang', '07-05-1990'),
('Ardina Asti', 2348, 51, 'Renang', '07-05-1990'),
('Adel Hardinoto', 2349, 54, 'Renang', '07-05-1990'),
('Triesa Ambar', 2350, 45, 'Renang', '07-05-1990'),
('Boy Armyanto', 2351, 60, 'Renang', '07-05-1990'),
('Satya Yudha Ginanjar', 2352, 49, 'Renang', '07-05-1990'),
('Indra Lesmana', 2353, 57, 'Renang', '07-05-1990'),
('Dendi Fajar', 2354, 56, 'Renang', '07-05-1990')

SELECT * FROM ANGGOTA

Results Messages

	NAMA ANGGOTA	ID ANGGOTA	BERAT BADAN	HOBY	TANGGAL MASUK
1	Ajeng Karmilasari	2345	56	Renang	1990-07-05
2	Arfina Ananta	2346	47	Renang	1990-07-05
3	Bellinda Amyanda	2347	50	Renang	1990-07-05
4	Ardina Asti	2348	51	Renang	1990-07-05
5	Adel Hardinoto	2349	54	Renang	1990-07-05
6	Triesa Ambar	2350	45	Renang	1990-07-05
7	Boy Amyanto	2351	60	Renang	1990-07-05
8	Satya Yudha Ginanjar	2352	49	Renang	1990-07-05
9	Indra Lesmana	2353	57	Renang	1990-07-05
10	Dendi Fajar	2354	56	Renang	1990-07-05

Query executed successfully.

2. Buatlah table DATA_BARANG1 yang memiliki field KODE_BARANG, NAMA_BARANG, BANYAK_BARANG. Selanjutnya buat kembali table

DATA_BARANG2 yang memiliki field KODE_BARANG, NAMA_BARANG, BANYAK_BARANG. (POINT 20)

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The Object Explorer on the left displays the server structure for 'DESKTOP-BPUQE1\LEPKOMF4 (SQL Serv)'. The main query window, titled 'SQLQuery1.sql - DE...P-BPUQE1\hp (56))*', contains the following SQL code:

```
--2--
CREATE TABLE DATA_BARANG1(
    KODE_BARANG VARCHAR(5),
    NAMA_BARANG VARCHAR(30),
    BANYAK_BARANG INT
)

CREATE TABLE DATA_BARANG2(
    KODE_BARANG VARCHAR(5),
    NAMA_BARANG VARCHAR(30),
    BANYAK_BARANG INT
)

SELECT * FROM DATA_BARANG1
SELECT * FROM DATA_BARANG2
```

The 'Results' pane at the bottom shows the output of the query, displaying two columns: 'KODE_BARANG' and 'NAMA_BARANG'.

3. Buatlah trigger dengan memanfaatkan perintah insert ke dalam table DATA_BARANG1. (POINT 20)

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The Object Explorer on the left displays the server structure for 'DESKTOP-BPUQE1\LEPKOMF4 (SQL Serv)'. The main query window, titled 'LEPKOM BSQL 7.sql...-BPUQE1\hp (56))*', contains the following SQL code:

```
--3--
CREATE TRIGGER INSERTBARANG_AKBAR
ON DATA_BARANG1
FOR INSERT
AS DECLARE
    @KODE_BARANG INT, @NAMA_BARANG VARCHAR(30), @BANYAK_BARANG INT
    SELECT @KODE_BARANG = B.KODE_BARANG FROM inserted B
    SELECT @NAMA_BARANG = B.KODE_BARANG FROM inserted B
    SELECT @BANYAK_BARANG = B.KODE_BARANG FROM inserted B
INSERT INTO DATA_BARANG2 VALUES
    (@KODE_BARANG, @NAMA_BARANG, @BANYAK_BARANG)
```

The 'Messages' pane at the bottom shows the output of the query, displaying the message: 'Commands completed successfully. Completion time: 2022-12-03T19:12:43.2454762+07:00'.

4. Buatlah trigger dengan memanfaatkan perintah delete ke dalam table DATA_BARANG2 untuk kolom KODE_BARANG (POINT 20)

LEPKOM BSQL 7.sql - DESKTOP-BPUQE1\LEPKOMF4.PERT7_50421119 (DESKTOP-BPUQE1\hp... Quick Launch (Ctrl+Q)

File Edit View Query Project Tools Window Help

PERT7_50421119 Execute

Object Explorer

Connect

DESKTOP-BPUQE1\LEPKOMF4 (SQL Serv

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Integration Services Catalogs

SQL Server Agent (Agent XPs disabled

XEvent Profiler

LEPKOM BSQL 7.sql...-BPUQE1\hp (56)

```
INSERT INTO DATA_BARANG2 VALUES
(@KODE_BARANG,@NAMA_BARANG, @BANYAK_BARANG)

--4--
CREATE TRIGGER DELETEBARANG_AKBAR
ON DATA_BARANG2
FOR DELETE
AS DECLARE
@KODE_BARANG INT, @NAMA_BARANG VARCHAR(30), @BANYAK_BARANG INT
SELECT @KODE_BARANG = DELETED.KODE_BARANG FROM DELETED
SELECT @NAMA_BARANG = DELETED.NAMA_BARANG FROM DELETED
SELECT @BANYAK_BARANG = DELETED.BANYAK_BARANG FROM DELETED
DELETE FROM DATA_BARANG1 WHERE @KODE_BARANG = @KODE_BARANG
```

100 %

Messages

Commands completed successfully.

Completion time: 2022-12-03T19:22:53.4840209+07:00

5. Masukkan data pada table DATA_BARANG1 seperti dibawah ini kemudian buatlah query untuk menampilkan DATA_BARANG2. (POINT 20)

	KODE_BARANG	NAMA_BARANG	BANYAK_BARANG
1	001	KOMPUTER	30
2	001	KOMPUTER	30
3	002	PRINTER	40
4	003	PROCESSOR	50
5	004	MONITOR	60
6	005	MOUSE	70

LEPKOM BSQL 7.sql - DESKTOP-BPUQE1\LEPKOMF4.PERT7_50421119 (DESKTOP-BPUQE1\hp (56))* - Microsoft SQL Server M

File Edit View Query Project Tools Window Help

PERT7_50421119 Execute

Object Explorer

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DESKTOP-BPUQE1\LEPKOMF4 (SQL Serv

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LEPKOM BSQL 7.sql...-BPUQE1\hp (56))*

```
--5--
INSERT INTO DATA_BARANG1 VALUES(001, 'KOMPUTER', 30)
INSERT INTO DATA_BARANG1 VALUES(002, 'PRINTER', 40)
INSERT INTO DATA_BARANG1 VALUES(003, 'PROCESSOR', 50)
INSERT INTO DATA_BARANG1 VALUES(004, 'MONITOR', 60)
INSERT INTO DATA_BARANG1 VALUES(005, 'MOUSE', 70)

SELECT * FROM DATA_BARANG1
SELECT * FROM DATA_BARANG2
```

100 %

Results Messages

	KODE_BARANG	NAMA_BARANG	BANYAK_BARANG
1	1	KOMPUTER	30
2	2	PRINTER	40
3	3	PROCESSOR	50
4	4	MONITOR	60
5	5	MOUSE	70

	KODE_BARANG	NAMA_BARANG	BANYAK_BARANG
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5