

1. Membuat Table (Gunakan database di pertemuan 3). (10 Point)

a. Buatlah table DATA_PEGAWAI dengan struktur table sebagai berikut:

```
SQLQuery1.sql - ...U0QK0\User (52))*
create database perusahaan_14118888;
use perusahaan_14118888;

--1a
create table data_pegawai
(nip numeric(10),
nama varchar(20),
tempat_lahir varchar(20),
tgl_lahir date,
alamat varchar(50),
divisi varchar(20));
```

Messages
Command(s) completed successfully.

b. Masukkan data pada table DATA_PEGAWAI sebagai berikut:.

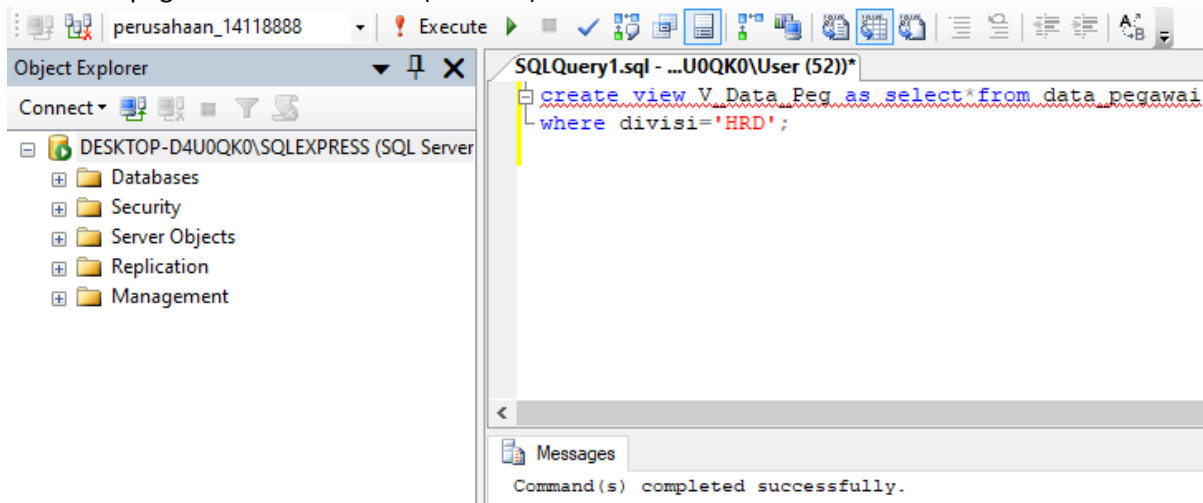
```
SQLQuery1.sql - ...U0QK0\User (52))*
--1b
insert into data_pegawai values
('53210985', 'Dio Susilo', 'Bogor', '1992-08-16', 'Jl. Kenari', 'Accounting'),
('18111525', 'Hardi', 'Jakarta', '1993-07-11', 'Jl. Lereng', 'HRD'),
('52409380', 'Fadel Andreza', 'Depok', '1992-08-12', 'Jl. Melati', 'Staff IT'),
('18110000', 'Firmansyah', 'Bogor', '1993-11-10', 'Jl. Dahlia', 'Finance'),
('19283332', 'Dimas Hadi', 'Bekasi', '1994-09-11', 'Jl. Delima', 'HRD');

select * from data_pegawai;
```

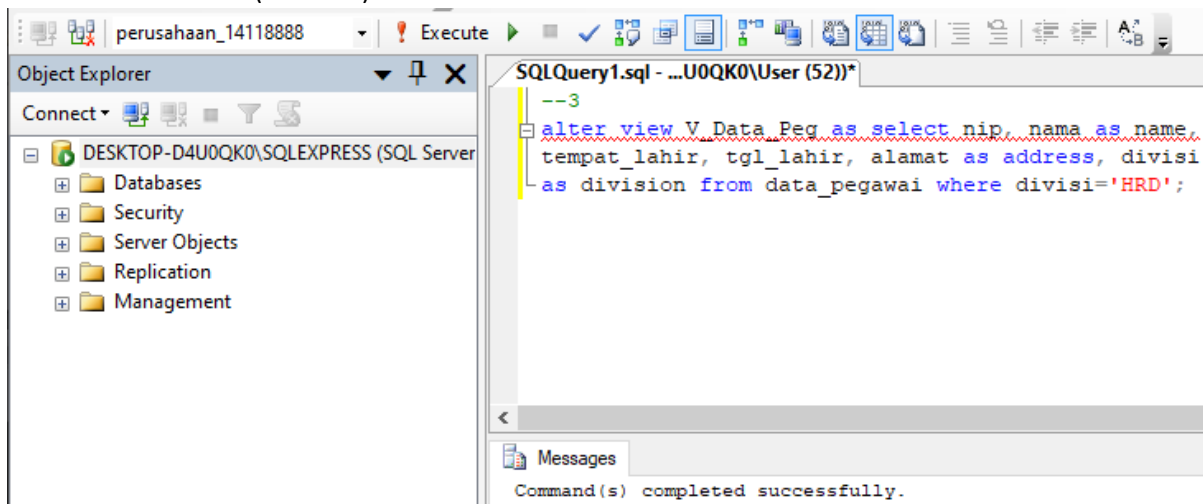
Results

	nip	nama	tempat_lahir	tgl_lahir	alamat	divisi
1	53210985	Dio Susilo	Bogor	1992-08-16	Jl. Kenari	Accounting
2	18111525	Hardi	Jakarta	1993-07-11	Jl. Lereng	HRD
3	52409380	Fadel Andreza	Depok	1992-08-12	Jl. Melati	Staff IT
4	18110000	Firmansyah	Bogor	1993-11-10	Jl. Dahlia	Finance
5	19283332	Dimas Hadi	Bekasi	1994-09-11	Jl. Delima	HRD

2. Buatlah view dengan nama V_Data_Peg menggunakan tabel DATA_PEGAWAI diatas yang berisi data-data pegawai dari divisi HRD. (10 Point)



3. Buatlah view V_Data_Peg dengan mengganti struktur pada view dengan struktur pada view NIP, NAMA dialiaskan NAME, TEMPAT_LAHIR, TGL_LAHIR, ALAMAT dialiaskan ADDRESS, dan DIVISI dialiaskan DIVISION. (45 Point)



4. Tampilkan seluruh data view V_Data_Peg. (5 Point)

The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the server structure for 'DESKTOP-D4U0QK0\SQLEXPRESS (SQL Server)'. The main window shows the execution of an SQL query in 'SQLQuery1.sql'. The query consists of two parts: an ALTER VIEW statement and a SELECT statement. The results pane at the bottom displays the data from the view V_Data_Peg.

```
--3
alter view V_Data_Peg as select nip, nama as name,
tempat_lahir, tgl_lahir, alamat as address, divisi
--as division from data_pegawai where divisi='HRD';

--4
select * from V_Data_Peg;
```

	nip	name	tempat_lahir	tgl_lahir	address	division
1	18111525	Hardi	Jakarta	1993-07-11	Jl. Lereng	HRD
2	19283332	Dimas Hadi	Bekasi	1994-09-11	Jl. Delima	HRD

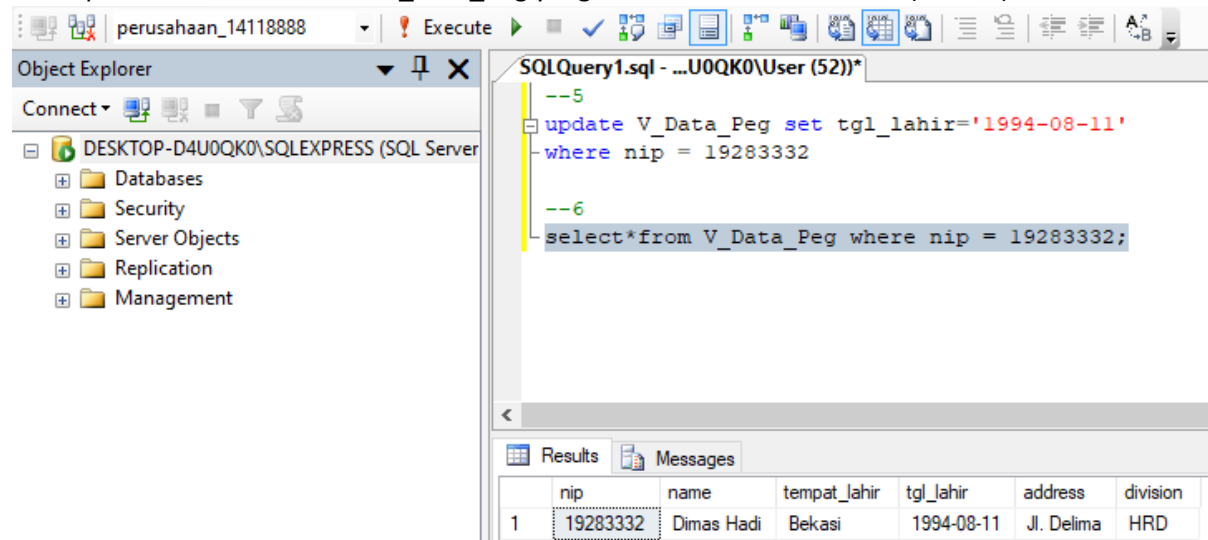
5. Ubahlah data view V_Data_Peg dengan menggantikan TGL_LAHIR = 11-08- 1994 untuk NIP = 19283332. (20 Point)

The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the server structure for 'DESKTOP-D4U0QK0\SQLEXPRESS (SQL Server)'. The main window shows the execution of an SQL query in 'SQLQuery1.sql'. The query is an UPDATE statement that changes the 'tgl_lahir' field for the row with 'nip' 19283332. The Messages pane at the bottom indicates that 1 row(s) were affected.

```
--5
update V_Data_Peg set tgl_lahir='1994-08-11'
where nip = 19283332
```

(1 row(s) affected)

6. Tampilkan seluruh data view V_Data_Peg yang memiliki NIP = 19283332. (5 Point)



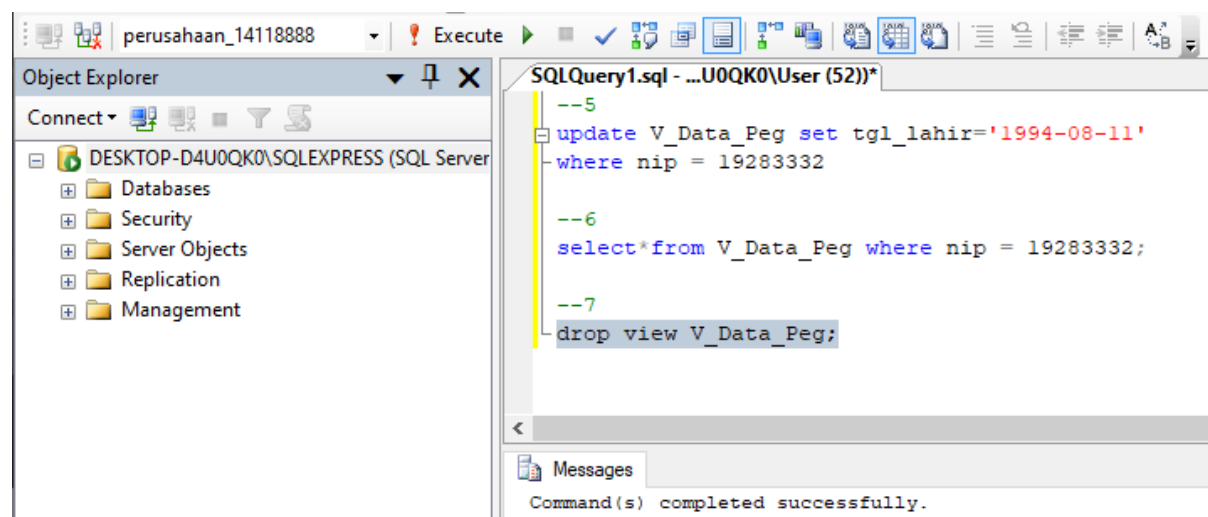
The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the server structure for 'DESKTOP-D4U0QK0\SQLEXPRESS (SQL Server)'. The main window shows a SQL query in the 'SQLQuery1.sql' editor. The query consists of two parts: an update statement and a select statement. The update statement sets 'tgl_lahir' to '1994-08-11' for the record with 'nip = 19283332'. The select statement retrieves all data from the 'V_Data_Peg' view for the same 'nip'. The 'Results' tab at the bottom shows a single row of data.

```
--5
update V_Data_Peg set tgl_lahir='1994-08-11'
where nip = 19283332

--6
select * from V_Data_Peg where nip = 19283332;
```

	nip	name	tempat_lahir	tgl_lahir	address	division
1	19283332	Dimas Hadi	Bekasi	1994-08-11	Jl. Delima	HRD

7. Hapus View V_Data_Peg. (5 Point)



The screenshot shows the same SQL Server Enterprise Manager interface. The SQL query editor now contains a 'drop view' statement. The 'Messages' tab at the bottom indicates that the command was completed successfully.

```
--5
update V_Data_Peg set tgl_lahir='1994-08-11'
where nip = 19283332

--6
select * from V_Data_Peg where nip = 19283332;

--7
drop view V_Data_Peg;
```

Messages
Command(s) completed successfully.