

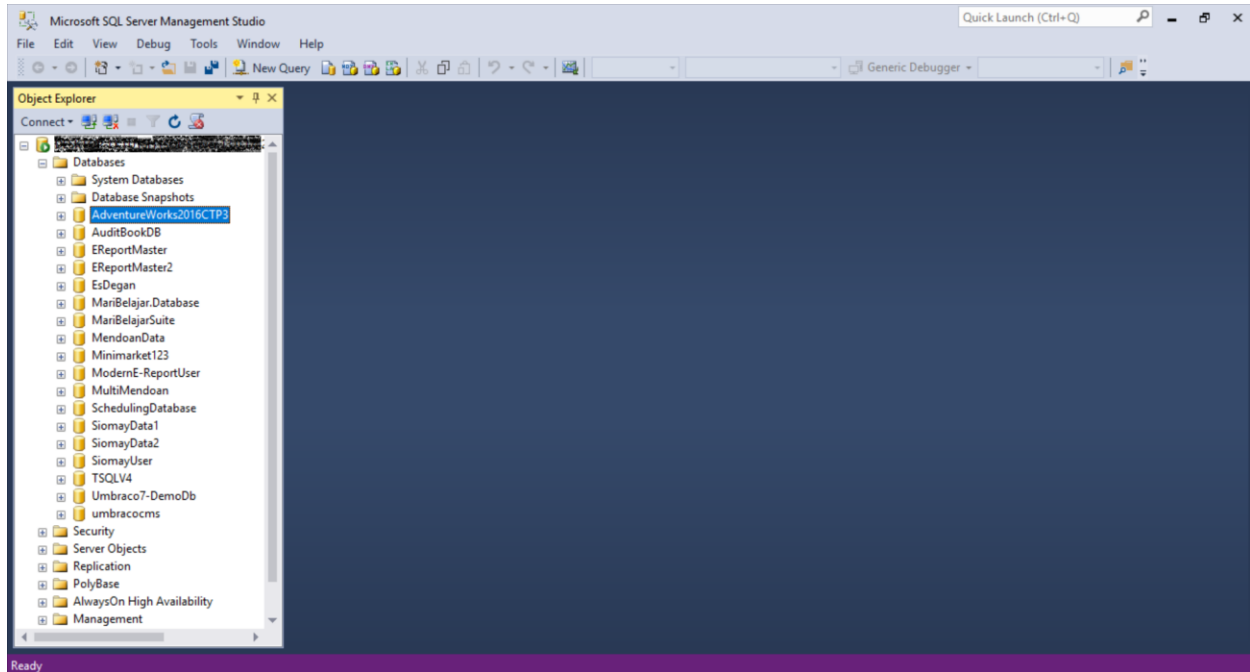
Assignment

Time: approx. 1-1.5 hour(s)

E-mail with subject:

SBD_Tugas6_Rabu12_NIM / SBD_Tugas6_Kamis7_NIM / SBD_Tugas6_Kamis12_NIM

1. Install your Microsoft SQL Server (Express or Developer version) 2017 and SSMS
2. Download and attach sample database: Adventure Works 2016 CTP3



3. Let's try some example
 - a. Stored Procedure

use AdventureWorks2016CTP3

go

```
create procedure [Production].[ChangeLocationName]
```

```
@LocationID smallint,
```

```
@newName nvarchar(50)
```

```
as
```

```
if @LocationID is not null
```

```
begin
```

```
    update [Production].[Location]
```

```
    set [Name] = @newName
```

```
    where LocationID = @LocationID;
```

```
end
```

```
go
```

- b. View

```

create view [Person].[vPersonAddress]
as
    select p.FirstName, p.LastName, a.AddressLine1, a.City from
    [Person].[Person] as p
    inner join
    [Person].[BusinessEntityAddress] as ba
    on p.BusinessEntityID = ba.BusinessEntityID
    inner join
    [Person].[Address] as a
    on ba.AddressID = a.AddressID
    order by p.FirstName;

go

```

- Now, create a view to query the sum of all person's credit card grouped by the city where the person lives and the type of the card. Three samples are provided.

assignment6test.sql...KTU1SH\kadin (54)

```
select * from [Person].[vCityAndCard1];
```

110 %

Results Messages

	CardType	City	count
1	ColonialVoice	Ballard	17
2	ColonialVoice	Baytown	1
3	ColonialVoice	Beaverton	55
4	ColonialVoice	Bell Gardens	1
5	ColonialVoice	Bellflower	39
6	ColonialVoice	Bellingham	55
7	ColonialVoice	Bendigo	15
8	ColonialVoice	Berkeley	51
9	ColonialVoice	Berks	6
10	ColonialVoice	Berkshire	9
11	ColonialVoice	Berlin	58
12	ColonialVoice	Beverly Hills	49
13	ColonialVoice	Billerica	17
14	ColonialVoice	Biloxi	1
15	ColonialVoice	Birmingham	10
16	ColonialVoice	Bobigny	20
17	ColonialVoice	Bonn	19
18	ColonialVoice	Bothell	3
19	ColonialVoice	Bottrop	17
20	ColonialVoice	Boulogne-	5

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```
select * from [Person].[vCityAndCard1];
```

110 %

Results Messages

	CardType	City	count
470	Distinguish	Wokingham	8
471	Distinguish	Wollongong	23
472	Distinguish	Woodburn	27
473	Distinguish	Woodland ...	28
474	Distinguish	Woolston	7
475	Distinguish	Yakima	30
476	Distinguish	York	40
477	Distinguish	NULL	4709
478	SuperiorCard	Ballard	16
479	SuperiorCard	Basingstok...	1
480	SuperiorCard	Beaverton	60
481	SuperiorCard	Bellflower	54
482	SuperiorCard	Bellingham	59
483	SuperiorCard	Bendigo	28
484	SuperiorCard	Berkeley	48
485	SuperiorCard	Berks	8
486	SuperiorCard	Berkshire	7
487	SuperiorCard	Berlin	34
488	SuperiorCard	Beverly Hills	52
489	SuperiorCard	Billericay	16

assignment6test.sql...KTU1SH\kadin (54))* ✕

```
select * from [Person].[vCityAndCard2];
```

110 %



Results



Messages

	CardType	City	count
24	ColonialVoice	Bellflower	39
25	Distinguish	Bellflower	58
26	SuperiorCard	Bellflower	54
27	Vista	Bellflower	43
28	NULL	Bellflower	194
29	ColonialVoice	Bellingham	55
30	Distinguish	Bellingham	56
31	SuperiorCard	Bellingham	59
32	Vista	Bellingham	40
33	NULL	Bellingham	210
34	ColonialVoice	Bendigo	15
35	Distinguish	Bendigo	24
36	SuperiorCard	Bendigo	28
37	Vista	Bendigo	37
38	NULL	Bendigo	104
39	ColonialVoice	Berkeley	51
40	Distinguish	Berkeley	44
41	SuperiorCard	Berkeley	48
42	Vista	Berkeley	57
43	NULL	Berkeley	200

assignment6test.sql...KTU1SH\kadin (54))* ✕

```
select * from [Person].[vCityAndCard3];
```

110 %



Results



Messages

	CardType	City	count
260	NULL	Carson	1
261	NULL	Damstadt	55
262	NULL	Hervey Bay	105
263	NULL	Oxford	85
264	NULL	Haney	90
265	NULL	Beaverton	210
266	NULL	Gold Coast	106
267	NULL	Tacoma	93
268	NULL	Leeds	55
269	NULL	Novato	89
270	NULL	Citrus Heights	1
271	NULL	Chatou	56
272	NULL	Port Orchard	88
273	NULL	Melbourne	105
274	NULL	South Melb...	79
275	Superior...	NULL	4677
276	Vista	NULL	4508
277	Distingu...	NULL	4709
278	Colonial...	NULL	4614