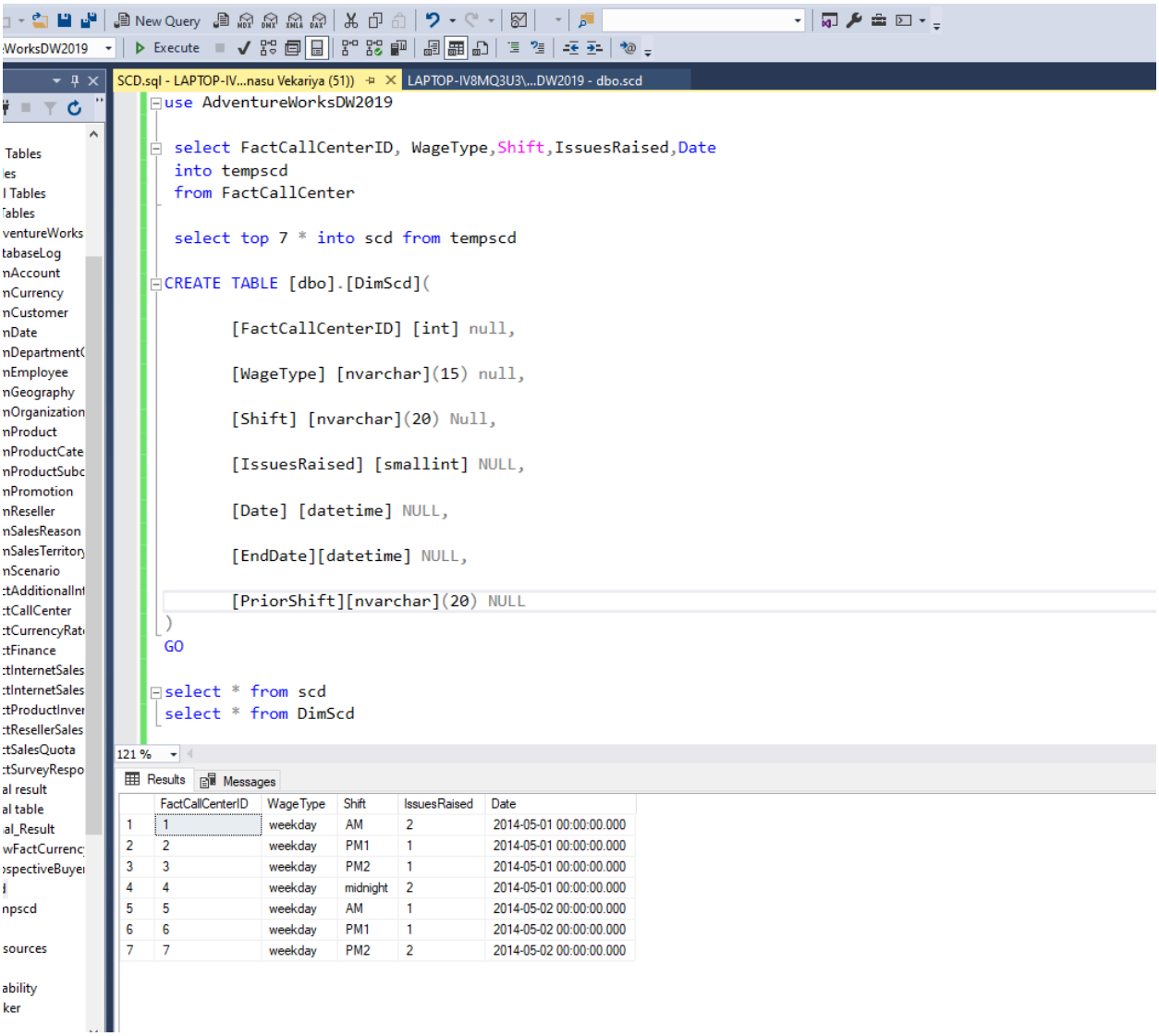
HW 04 SCD

Jignasuben Vekariya (002981797)

First, I retived column from the table which is already available and made new table for Slowly Dimention changing Task.

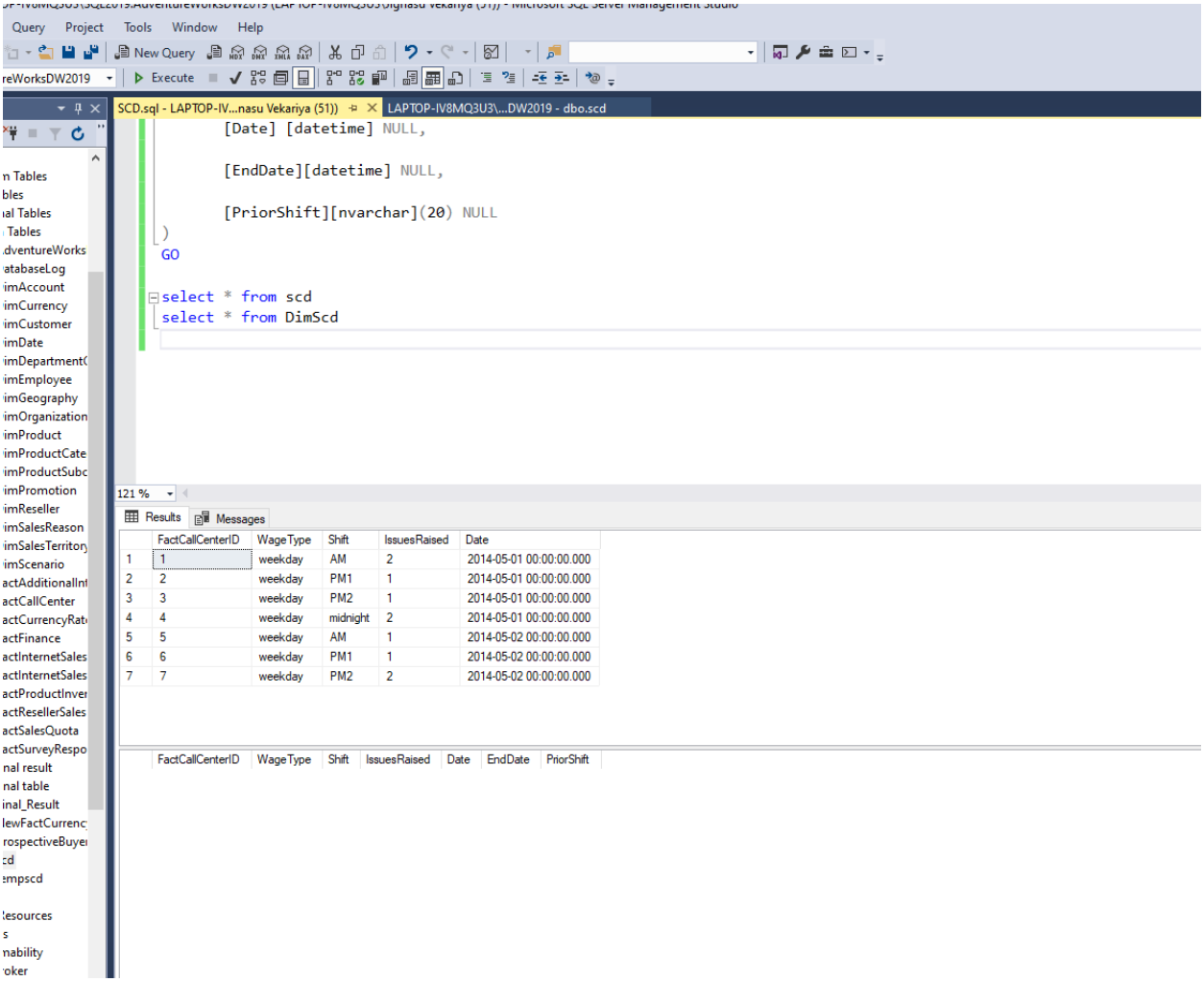


	FactCallCenterID	WageType	Shift	IssuesRaised	Date
1	1	weekday	AM	2	2014-05-01 00:00:00.000
2	2	weekday	PM1	1	2014-05-01 00:00:00.000
3	3	weekday	PM2	1	2014-05-01 00:00:00.000
4	4	weekday	midnight	2	2014-05-01 00:00:00.000
5	5	weekday	AM	1	2014-05-02 00:00:00.000
6	6	weekday	PM1	1	2014-05-02 00:00:00.000
7	7	weekday	PM2	2	2014-05-02 00:00:00.000

HW 04 SCD

Jignasuben Vekariya (002981797)

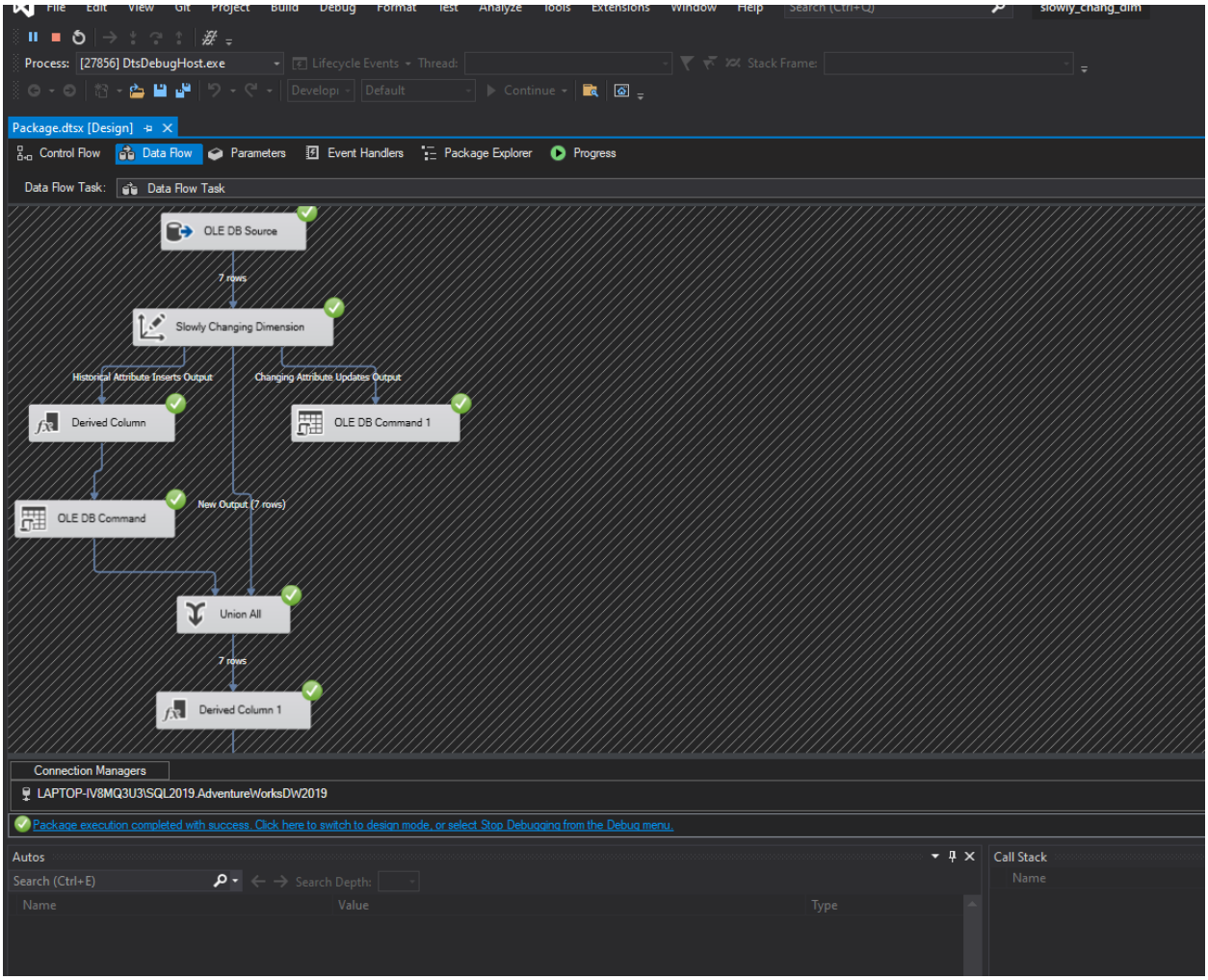
Resulted Tables with DimScd for SCD task



HW 04 SCD

Jignasuben Vekariya (002981797)

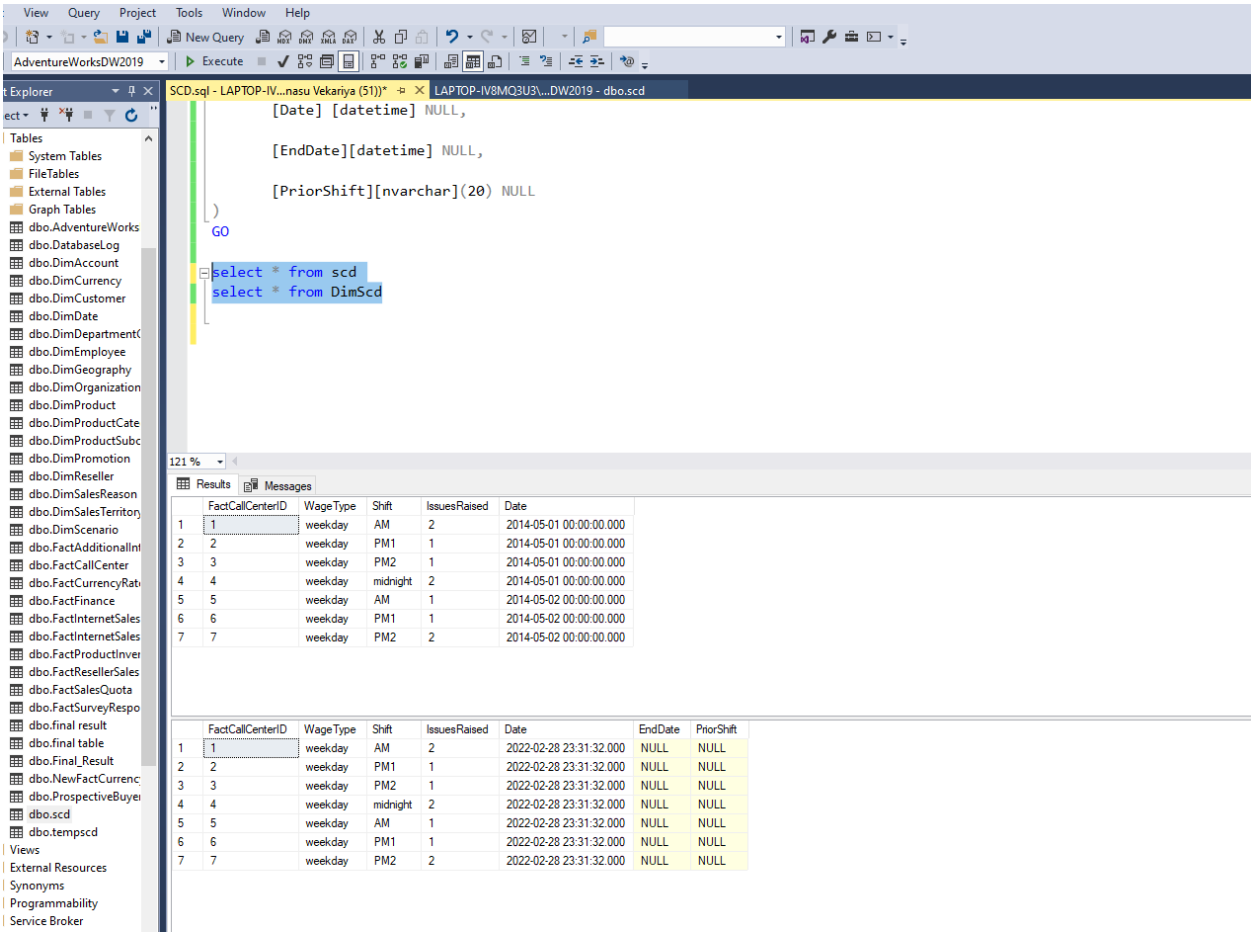
Then, Connect tables in Visual Studio



HW 04 SCD

Jignasuben Vekariya (002981797)

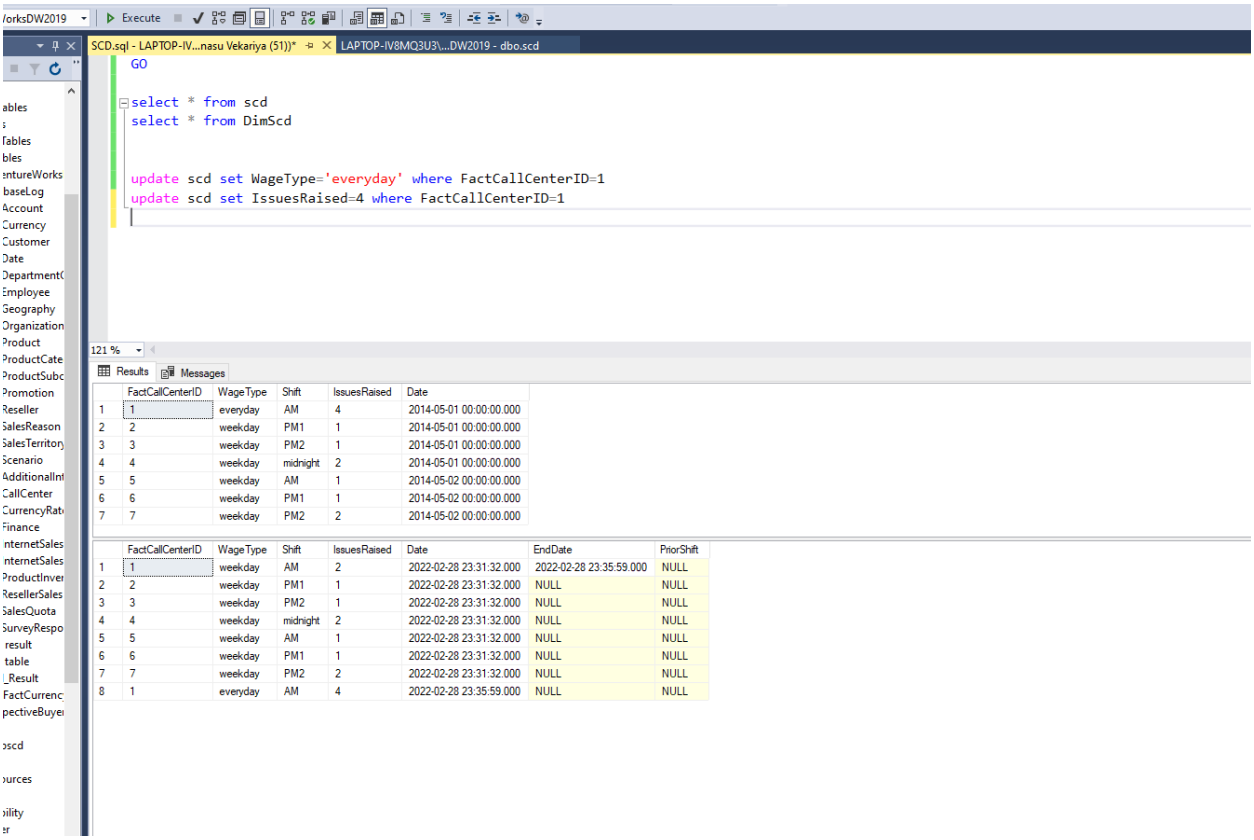
After Connecting with Visual Studio, Resulted output



HW 04 SCD

Jignasuben Vekariya (002981797)

Multiple Updates Operation



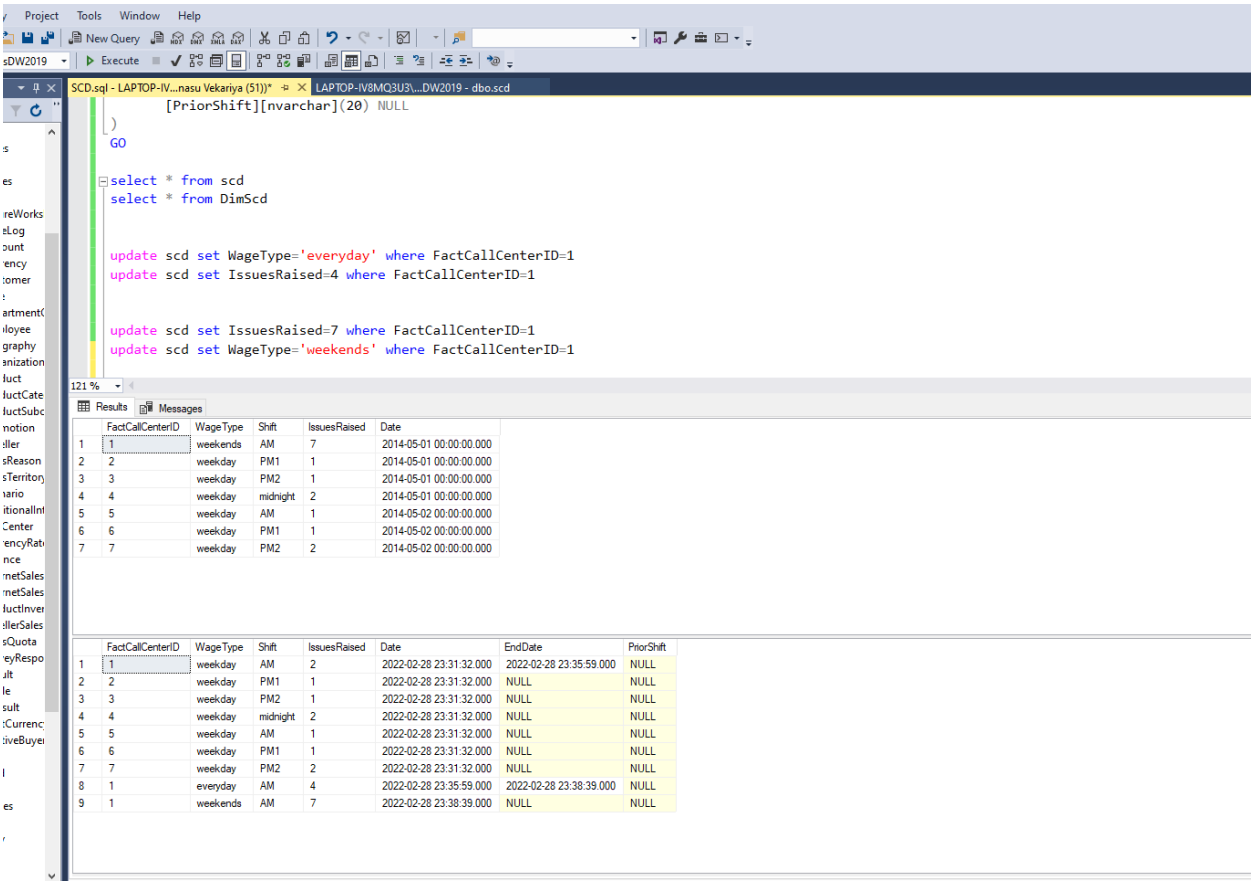
	FactCallCenterID	WageType	Shift	IssuesRaised	Date
1	1	everyday	AM	4	2014-05-01 00:00:00.000
2	2	weekday	PM1	1	2014-05-01 00:00:00.000
3	3	weekday	PM2	1	2014-05-01 00:00:00.000
4	4	weekday	midnight	2	2014-05-01 00:00:00.000
5	5	weekday	AM	1	2014-05-02 00:00:00.000
6	6	weekday	PM1	1	2014-05-02 00:00:00.000
7	7	weekday	PM2	2	2014-05-02 00:00:00.000

	FactCallCenterID	WageType	Shift	IssuesRaised	Date	EndDate	PriorShift
1	1	weekday	AM	2	2022-02-28 23:31:32.000	2022-02-28 23:35:59.000	NULL
2	2	weekday	PM1	1	2022-02-28 23:31:32.000	NULL	NULL
3	3	weekday	PM2	1	2022-02-28 23:31:32.000	NULL	NULL
4	4	weekday	midnight	2	2022-02-28 23:31:32.000	NULL	NULL
5	5	weekday	AM	1	2022-02-28 23:31:32.000	NULL	NULL
6	6	weekday	PM1	1	2022-02-28 23:31:32.000	NULL	NULL
7	7	weekday	PM2	2	2022-02-28 23:31:32.000	NULL	NULL
8	1	everyday	AM	4	2022-02-28 23:35:59.000	NULL	NULL

HW 04 SCD

Jignasuben Vekariya (002981797)

Cross update check



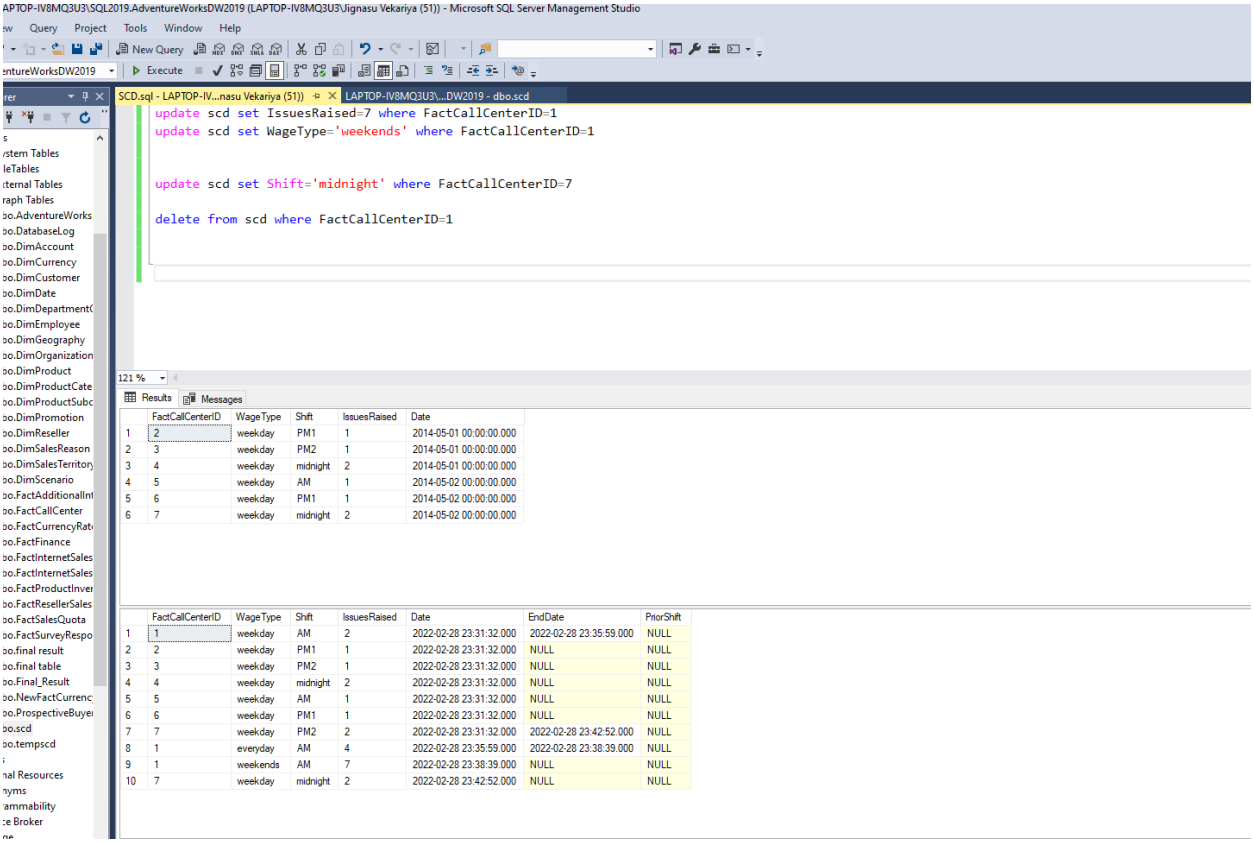
	FactCallCenterID	WageType	Shift	IssuesRaised	Date
1	1	weekends	AM	7	2014-05-01 00:00:00.000
2	2	weekday	PM1	1	2014-05-01 00:00:00.000
3	3	weekday	PM2	1	2014-05-01 00:00:00.000
4	4	weekday	midnight	2	2014-05-01 00:00:00.000
5	5	weekday	AM	1	2014-05-02 00:00:00.000
6	6	weekday	PM1	1	2014-05-02 00:00:00.000
7	7	weekday	PM2	2	2014-05-02 00:00:00.000

	FactCallCenterID	WageType	Shift	IssuesRaised	Date	EndDate	PriorShift
1	1	weekday	AM	2	2022-02-28 23:31:32.000	2022-02-28 23:35:59.000	NULL
2	2	weekday	PM1	1	2022-02-28 23:31:32.000	NULL	NULL
3	3	weekday	PM2	1	2022-02-28 23:31:32.000	NULL	NULL
4	4	weekday	midnight	2	2022-02-28 23:31:32.000	NULL	NULL
5	5	weekday	AM	1	2022-02-28 23:31:32.000	NULL	NULL
6	6	weekday	PM1	1	2022-02-28 23:31:32.000	NULL	NULL
7	7	weekday	PM2	2	2022-02-28 23:31:32.000	NULL	NULL
8	1	everyday	AM	4	2022-02-28 23:35:59.000	2022-02-28 23:38:39.000	NULL
9	1	weekends	AM	7	2022-02-28 23:38:39.000	NULL	NULL

HW 04 SCD

Jignasuben Vekariya (002981797)

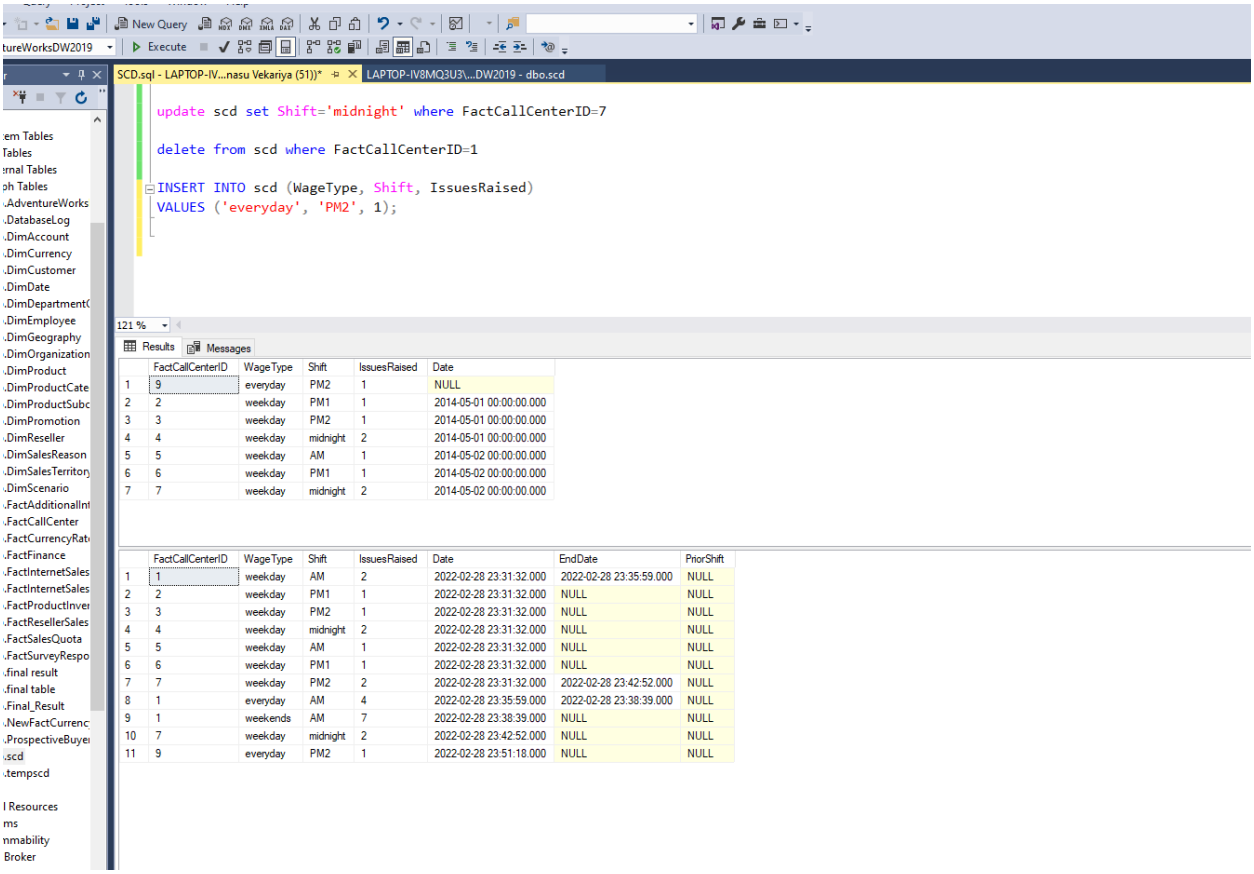
Delete Column Query



HW 04 SCD

Jignasuben Vekariya (002981797)

Insert row in the table



	FactCallCenterID	WageType	Shift	IssuesRaised	Date
1	9	everyday	PM2	1	NULL
2	2	weekday	PM1	1	2014-05-01 00:00:00.000
3	3	weekday	PM2	1	2014-05-01 00:00:00.000
4	4	weekday	midnight	2	2014-05-01 00:00:00.000
5	5	weekday	AM	1	2014-05-02 00:00:00.000
6	6	weekday	PM1	1	2014-05-02 00:00:00.000
7	7	weekday	midnight	2	2014-05-02 00:00:00.000

	FactCallCenterID	WageType	Shift	IssuesRaised	Date	EndDate	PriorShift
1	1	weekday	AM	2	2022-02-28 23:31:32.000	2022-02-28 23:35:59.000	NULL
2	2	weekday	PM1	1	2022-02-28 23:31:32.000	NULL	NULL
3	3	weekday	PM2	1	2022-02-28 23:31:32.000	NULL	NULL
4	4	weekday	midnight	2	2022-02-28 23:31:32.000	NULL	NULL
5	5	weekday	AM	1	2022-02-28 23:31:32.000	NULL	NULL
6	6	weekday	PM1	1	2022-02-28 23:31:32.000	NULL	NULL
7	7	weekday	PM2	2	2022-02-28 23:31:32.000	2022-02-28 23:42:52.000	NULL
8	1	everyday	AM	4	2022-02-28 23:35:59.000	2022-02-28 23:38:39.000	NULL
9	1	weekends	AM	7	2022-02-28 23:38:39.000	NULL	NULL
10	7	weekday	midnight	2	2022-02-28 23:42:52.000	NULL	NULL
11	9	everyday	PM2	1	2022-02-28 23:51:18.000	NULL	NULL