

# Murach Chapter 15 How to Code Triggers

1:

The image displays three sequential screenshots of the SQL Server Enterprise Manager interface, showing the execution of SQL queries and the resulting data in the `dd.Payment` and `dd.paytrack` tables.

**Top Screenshot:** The SQL query window shows the following queries:

```
1 select * from dd.Payment where idpay > (SELECT MAX(idpay) - 10 FROM dd.Payment)
2 select * from dd.paytrack
```

The `Results` pane shows the data for the `dd.Payment` table:

	idPay	idPledge	Payamt	Paydate	Paymethod
1	1475	112	20.00	2013-06-01	YY
2	1478	112	20.00	2013-06-01	CC
3	1479	112	20.00	2013-06-01	CC

The `Messages` pane shows the data for the `dd.paytrack` table:

	idtrack	ptuser	ptdate	ptaction	PTPAYID
1	1	dbo	2020-10-20	INSERTED	1479

**Middle Screenshot:** The SQL query window shows the same queries as the top screenshot. The `Results` pane shows the data for the `dd.Payment` table:

	idPay	idPledge	Payamt	Paydate	Paymethod
1	1475	112	20.00	2013-06-01	YY
2	1478	112	20.00	2013-06-01	CC
3	1479	112	20.00	2013-06-01	YY

The `Messages` pane shows the data for the `dd.paytrack` table:

	idtrack	ptuser	ptdate	ptaction	PTPAYID
1	1	dbo	2020-10-20	INSERTED	1479
2	2	dbo	2020-10-20	UPDATED	1479

**Bottom Screenshot:** The SQL query window shows the same queries as the top screenshot. The `Results` pane shows the data for the `dd.Payment` table:

	idPay	idPledge	Payamt	Paydate	Paymethod
1	1475	112	20.00	2013-06-01	YY
2	1478	112	20.00	2013-06-01	CC

The `Messages` pane shows the data for the `dd.paytrack` table:

	idtrack	ptuser	ptdate	ptaction	PTPAYID
1	1	dbo	2020-10-20	INSERTED	1479
2	2	dbo	2020-10-20	UPDATED	1479
3	3	dbo	2020-10-20	DELETED	1479

2:

SQLQuery8.sql - ga...amily\Charles (68))\* SQLQuery7.sql - ga...amily\Charles (53))\* SQLQuery5.sql - ga...amily\Charles (67))\*

```
1 | select * from hw.student where student_id > (SELECT MAX(student_id) - 5 FROM hw.student);
```

100 %

Results Messages

	STUDENT_ID	SALUTATION	FIRST_NAME	LAST_NAME	STREET_ADDRESS	ZIP	PHONE	EMPLOYER	REGISTRATION_DATE
1	500	NULL	Gabor	Professor	NULL	NULL	NULL	NULL	NULL
2	502	NULL	Gabor	Professor	NULL	NULL	NULL	NULL	NULL

3:

SQLQuery8.sql - ga...amily\Charles (68))\* SQLQuery7.sql - ga...amily\Charles (53))\*

```
1 | use db2
2 | go
3 | DROP TABLE dbo.BOOKCAST_AUTHOR
4 |
```

100 %

Messages

Disable trigger DDLTrigger to drop or alter tables  
Msg 3609, Level 16, State 2, Line 3  
The transaction ended in the trigger. The batch has been aborted.

Completion time: 2020-10-20T13:40:29.7072200-04:00

SQLQuery8.sql - ga...amily\Charles (68))\* SQLQuery7.sql - ga...amily\Charles (53))\* SQLQue

```
1 | use db2
2 | go
3 | ALTER TABLE dbo.BOOKCAST_AUTHOR ADD DOB DATETIME
```

100 %

Messages

Disable trigger DDLTrigger to drop or alter tables  
Msg 3609, Level 16, State 2, Line 3  
The transaction ended in the trigger. The batch has been aborted.

Completion time: 2020-10-20T13:42:20.6138967-04:00