

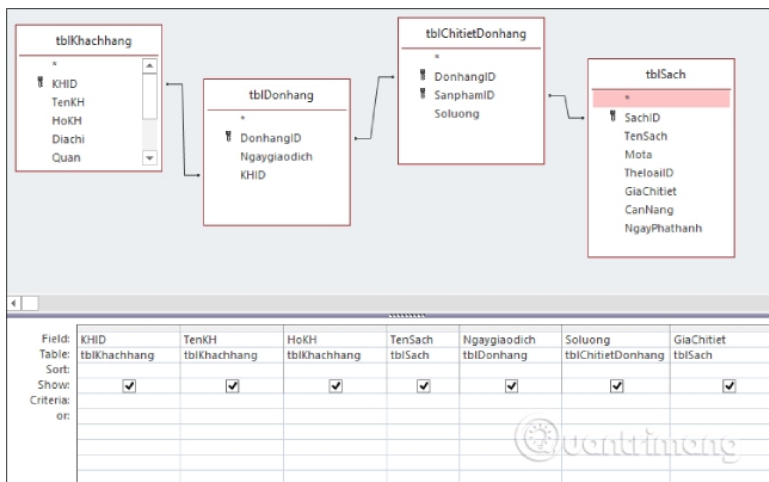
# Calculation expressions in Access 2016

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Expressions used to perform various tasks. In this article, TipsMake.com will guide you to create a specific type of expression called a **calculation expression** . We will create calculated fields and display data that is not available in the database that is calculated from the stored individual fields.

To illustrate, we use information from many different tables: *tblKhachhang*, *tblSach*, *tblDonhang*, *tblChitietdonhang* .



Use information from many different tables: *tblKhachhang*, *tblSach*, *tblDonhang*, *tblChitietdonhang*

Run the query and you will see the following results.

KHID	TenKH	HoKH	TenSach	Ngaygiaodich	Soluong	GiaChitiet
5	Duc Truong	Nguyen	Dac nhan tam	6/2/2019	1	\$50.00
1	Thanh Huyen	Nguyen	Tin hoc Van phong	6/3/2019	2	\$25.00
2	Canh Hung	Vu	Ngu Van 6	6/3/2019	4	\$8.00
5	Duc Truong	Nguyen	Phong Thuy trong gia dinh	6/3/2019	1	\$40.00
6	My Linh	Nguyen	Qua tang cuoc song	6/4/2019	1	\$24.00
7	Minh Quan	Nguyen	Qua tang cuoc song	6/5/2019	1	\$24.00
8	Vi Anh	Vu	Yoga toan tap	6/5/2019	1	\$35.00
12	Duy Khanh	Nguyen	Nhung dieu can biet ve tre nho	6/5/2019	1	\$30.00
9	Ha Anh	Vu	Trai tim yeu thuong	6/5/2019	1	\$33.00
6	My Linh	Nguyen	Mai mai la bao xa	6/6/2019	1	\$68.00
1	Thanh Huyen	Nguyen	Yeu em tu cai nhin dau tien	6/6/2019	1	\$68.00
2	Canh Hung	Vu	Cham thuong thu	6/6/2019	1	\$75.00
22	Viet Phu	Vu	Song khoe moi ngay	6/7/2019	1	\$86.00
21	Dung	Tran	Dac nhan tam	6/8/2019	1	\$50.00
13	Nga	Le	Trai tim yeu thuong	6/8/2019	1	\$33.00
10	Quylen	Le	Song khoe moi ngay	6/8/2019	1	\$86.00
11	Bich Thuy	Bui	Lang Cong Nghe	6/8/2019	1	\$20.00
16	Huong	Nguyen	Cong nghe va Cuoc song	6/8/2019	1	\$20.00
21	Dung	Tran	Tri tue Nhan tao	6/9/2019	1	\$25.00
14	Thu Ha	Nguyen	Tin hoc Van phong	6/9/2019	1	\$25.00
15	Kim Chi	Tran	Ngu Van 6	6/9/2019	1	\$8.00
4	Kim Oanh	Tran	Qua tang cuoc song	6/9/2019	1	\$24.00

Results when running the above query

Now we try to perform a simple calculation, taking the **number of** books placed multiplied by **the selling price of** one book to get the total amount to be paid. We call this field **Total money**.

Full expression:

Tongtien: [tblChitietDonhang]![Soluong]\*[tblSach]![GiaChitiet]

Field:	TenSach	Ngaygiaodich	Soluong	GiaChitiet	Tongtien: [tblChitietDonhang]![Soluong]*[tblSach]![GiaChitiet]
Table:	tblSach	tblDonhang	tblChitietDonhang	tblSach	
Sort:					
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:					
or:					

Create expressions in the new Tongtien field

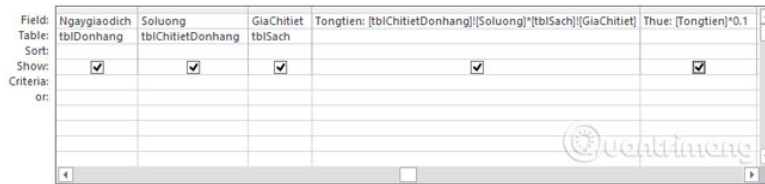
Running the query, you can see that **Tongtien** field appears at the end.

KHID	TenKH	HoKH	TenSach	Ngaygiaodich	Soluong	GiaChitiet	Tongtien
5	Duc Truong	Nguyen	Dac nhan tam	6/2/2019	1	\$50.00	\$50.00
1	Thanh Huyen	Nguyen	Tin hoc Van phong	6/3/2019	2	\$25.00	\$50.00
2	Canh Hung	Vu	Ngu Van 6	6/3/2019	4	\$8.00	\$32.00
5	Duc Truong	Nguyen	Phong Thuy trong gia dinh	6/3/2019	1	\$40.00	\$40.00
6	My Linh	Nguyen	Qua tang cuoc song	6/4/2019	1	\$24.00	\$24.00
7	Minh Quan	Nguyen	Qua tang cuoc song	6/5/2019	1	\$24.00	\$24.00
8	Vi Anh	Vu	Yoga toan tap	6/5/2019	1	\$35.00	\$35.00
12	Duy Khanh	Nguyen	Nhung dieu can biet ve tre nho	6/5/2019	1	\$30.00	\$30.00
9	Ha Anh	Vu	Trai tim yeu thuong	6/5/2019	1	\$33.00	\$33.00
6	My Linh	Nguyen	Mai mai la bao xa	6/6/2019	1	\$68.00	\$68.00
1	Thanh Huyen	Nguyen	Yeu em tu cai nhin dau tien	6/6/2019	1	\$68.00	\$68.00
2	Canh Hung	Vu	Cham thuong thu	6/6/2019	1	\$75.00	\$75.00
22	Viet Phu	Vu	Song khoe moi ngay	6/7/2019	1	\$86.00	\$86.00
21	Dung	Tran	Dac nhan tam	6/8/2019	1	\$50.00	\$50.00
13	Nga	Le	Trai tim yeu thuong	6/8/2019	1	\$33.00	\$33.00
10	Quylen	Le	Song khoe moi ngay	6/8/2019	1	\$86.00	\$86.00
11	Bich Thuy	Bui	Lang Cong Nghe	6/8/2019	1	\$20.00	\$20.00
16	Huong	Nguyen	Cong nghe va Cuoc song	6/8/2019	1	\$20.00	\$20.00
21	Dung	Tran	Tri tue Nhan tao	6/9/2019	1	\$25.00	\$25.00
14	Thu Ha	Nguyen	Tin hoc Van phong	6/9/2019	1	\$25.00	\$25.00
15	Kim Chi	Tran	Ngu Van 6	6/9/2019	1	\$8.00	\$8.00
4	Kim Oanh	Tran	Qua tang cuoc song	6/9/2019	1	\$24.00	\$24.00

There are rows Total money is the result of 2 columns Soluong and GiaChitiet

Add a **tax** calculation column :

Thue: [Tongtien]\*0.1



Field:	Ngaygiaodich	Soluong	GiaChitiet	Tongtien: [tblChitietDonhang].[Soluong]*[tblSach].[GiaChitiet]	Thue: [Tongtien]*0.1
Table:	tblDonhang	tblChitietDonhang	tblSach		
Sort:					
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:					
or:					

Add tax equal to 10% of the total amount

Run the query yourself and see the results in the last column.

Previous lesson: Wildcard representation operator in Access

Next lesson: Wildcard representation operator in Access

You finished reading the article "**Calculation expressions in Access 2016**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.