

(ملاحظات في نهاية الملف (موجودة برده ف شات الجروب

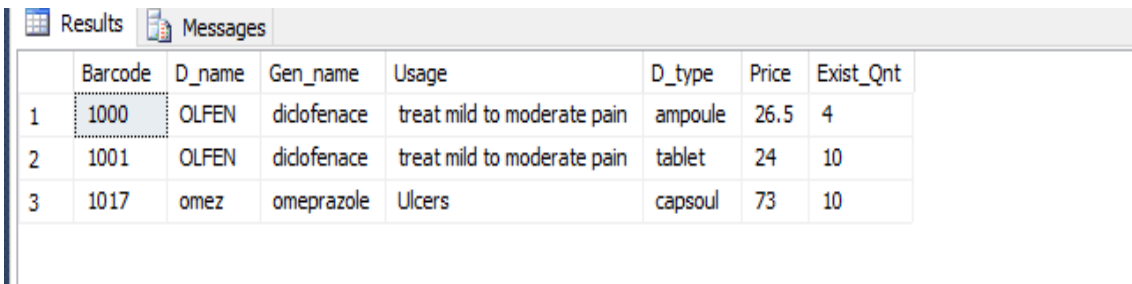
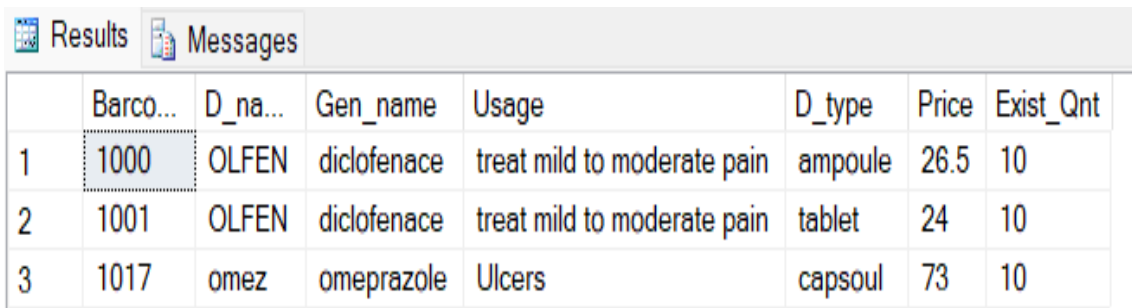
1- select the most expensive drug of each Gen_name

<i>query</i>	<i>result</i>																														
<pre>select Gen_name, max(Price) as max_price from Drugs group by Gen_name</pre>	<table><tr><th></th><th>Gen_name</th><th>rich</th></tr><tr><td>1</td><td>diclofenac sodium</td><td>18</td></tr><tr><td>2</td><td>amoxicillin+clavulanic</td><td>91</td></tr><tr><td>3</td><td>diclofenac sodium</td><td>58</td></tr><tr><td>4</td><td>diclofenace</td><td>26.5</td></tr><tr><td>5</td><td>famotidine</td><td>58.5</td></tr><tr><td>6</td><td>loratadine</td><td>43</td></tr><tr><td>7</td><td>omeprazole</td><td>73</td></tr><tr><td>8</td><td>pantoprazole</td><td>21</td></tr><tr><td>9</td><td>pregabalin</td><td>92</td></tr></table>		Gen_name	rich	1	diclofenac sodium	18	2	amoxicillin+clavulanic	91	3	diclofenac sodium	58	4	diclofenace	26.5	5	famotidine	58.5	6	loratadine	43	7	omeprazole	73	8	pantoprazole	21	9	pregabalin	92
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2- problem:select all attrib from company where the pharmacy Export orders with price 5000

query	result														
<pre>select * from Company c where c.CID in (select e.CID from Export e where O_price=5000)</pre>	<div><div>100 %</div><div>ResultsMessages</div><table><tr><th></th><th>CID</th><th>C_name</th><th>C_Address</th><th>C_Arrive</th><th>Rep_name</th><th>C_telephone</th></tr><tr><td>1</td><td>7</td><td>Elixir pharma Delta office</td><td>Tanta</td><td>1</td><td>Hassan Sabry</td><td>4035774102</td></tr></table></div>		CID	C_name	C_Address	C_Arrive	Rep_name	C_telephone	1	7	Elixir pharma Delta office	Tanta	1	Hassan Sabry	4035774102
	CID	C_name	C_Address	C_Arrive	Rep_name	C_telephone									
1	7	Elixir pharma Delta office	Tanta	1	Hassan Sabry	4035774102									
<pre>select distinct Co.CID, Co.C_name, Co.C_Address, Co.C_Arrive, Co.Rep_name, Co.C_telephone from Company Co join Export Ex on Co.CID = Ex.CID where Ex.O_price = 5000</pre>	<table><tr><th></th><th>CID</th><th>C_name</th><th>C_Addre...</th><th>C_Arri...</th><th>Rep_name</th><th>C_telephone</th></tr><tr><td>1</td><td>7</td><td>Elixir pharma Delta office</td><td>Tanta</td><td>1</td><td>Hassan Sabry</td><td>4035774102</td></tr></table>		CID	C_name	C_Addre...	C_Arri...	Rep_name	C_telephone	1	7	Elixir pharma Delta office	Tanta	1	Hassan Sabry	4035774102
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3- problem: select all drugs that begin with ‘o’ alphapet

query	result																																
<pre>select * from Drugs where D_name like 'o%'</pre>	 <table><tr><th></th><th>Barcode</th><th>D_name</th><th>Gen_name</th><th>Usage</th><th>D_type</th><th>Price</th><th>Exist_Qnt</th></tr><tr><td>1</td><td>1000</td><td>OLFEN</td><td>diclofenace</td><td>treat mild to moderate pain</td><td>ampoule</td><td>26.5</td><td>4</td></tr><tr><td>2</td><td>1001</td><td>OLFEN</td><td>diclofenace</td><td>treat mild to moderate pain</td><td>tablet</td><td>24</td><td>10</td></tr><tr><td>3</td><td>1017</td><td>omez</td><td>omeprazole</td><td>Ulcers</td><td>capsoul</td><td>73</td><td>10</td></tr></table>		Barcode	D_name	Gen_name	Usage	D_type	Price	Exist_Qnt	1	1000	OLFEN	diclofenace	treat mild to moderate pain	ampoule	26.5	4	2	1001	OLFEN	diclofenace	treat mild to moderate pain	tablet	24	10	3	1017	omez	omeprazole	Ulcers	capsoul	73	10
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<pre>select * from Drugs where D_name in(select D.D_name from Drugs D where D.D_name like 'O%' and D.Exist_Qnt > 0)</pre>	 <table><tr><th></th><th>Barco...</th><th>D_na...</th><th>Gen_name</th><th>Usage</th><th>D_type</th><th>Price</th><th>Exist_Qnt</th></tr><tr><td>1</td><td>1000</td><td>OLFEN</td><td>diclofenace</td><td>treat mild to moderate pain</td><td>ampoule</td><td>26.5</td><td>10</td></tr><tr><td>2</td><td>1001</td><td>OLFEN</td><td>diclofenace</td><td>treat mild to moderate pain</td><td>tablet</td><td>24</td><td>10</td></tr><tr><td>3</td><td>1017</td><td>omez</td><td>omeprazole</td><td>Ulcers</td><td>capsoul</td><td>73</td><td>10</td></tr></table>		Barco...	D_na...	Gen_name	Usage	D_type	Price	Exist_Qnt	1	1000	OLFEN	diclofenace	treat mild to moderate pain	ampoule	26.5	10	2	1001	OLFEN	diclofenace	treat mild to moderate pain	tablet	24	10	3	1017	omez	omeprazole	Ulcers	capsoul	73	10
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4- أكثر ربح طلع من كل عمليات البيع

query	result						
<pre>select S1.Con_date,S1.Price_sale as S_income from Sell S1 -- [top 1]: order by S1.T_price - S1.Price_sale desc where S1.Price_sale = any(select max(S2.Price_sale) from Sell S2)</pre>	<div><div>ResultsMessages</div><table><tr><th></th><th>Con_date</th><th>S_income</th></tr><tr><td>1</td><td>2022-08-20 11:43:50.000</td><td>206</td></tr></table></div> <p>حاسس إني فاهمها غلط</p>		Con_date	S_income	1	2022-08-20 11:43:50.000	206
	Con_date	S_income					
1	2022-08-20 11:43:50.000	206					

5- صافي أرباح الصيدلية: مجموع كل المبيعات - مجموع كل المصروفات والرواتب

query	result																														
<pre>select Ex.O_date, Ex.Order_Qnty, S.Consumed, S.Con_date, S.Price_sale - Ex.O_price as phar_income --phar_income is the required from Export Ex join Sell S on Ex.Barcode = S.Barcode -- I execluded the salary from the calculation</pre>	<table><tr><th></th><th>O_date</th><th>Order_Q...</th><th>Consum...</th><th>Con_date</th><th>phar_income</th></tr><tr><td>1</td><td>2018-02-12 10:25:25.000</td><td>100</td><td>3</td><td>2022-12-03 05:35:24.000</td><td>-1437</td></tr><tr><td>2</td><td>2018-02-12 10:25:25.000</td><td>100</td><td>3</td><td>2022-12-04 04:22:12.000</td><td>-1437</td></tr><tr><td>3</td><td>2021-10-05 12:05:01.000</td><td>1000</td><td>5</td><td>2022-12-21 04:22:12.000</td><td>-4994</td></tr><tr><td>4</td><td>2021-10-05 12:05:01.000</td><td>1000</td><td>3</td><td>2023-01-05 04:22:12.000</td><td>-4994</td></tr></table> <p>طلعت بالسالب! وارد إني حالها غلط</p>		O_date	Order_Q...	Consum...	Con_date	phar_income	1	2018-02-12 10:25:25.000	100	3	2022-12-03 05:35:24.000	-1437	2	2018-02-12 10:25:25.000	100	3	2022-12-04 04:22:12.000	-1437	3	2021-10-05 12:05:01.000	1000	5	2022-12-21 04:22:12.000	-4994	4	2021-10-05 12:05:01.000	1000	3	2023-01-05 04:22:12.000	-4994
	O_date	Order_Q...	Consum...	Con_date	phar_income																										
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6- أكثر الأدوية مبيعا

query	result										
<pre>select top 1 Drugs.D_name, Drugs.Gen_name, Drugs.Price, Sell.Consumed from Sell join Drugs on Sell.Barcode = Drugs.Barcode order by Sell.Consumed desc</pre>	<div><div>Results</div><div>Messages</div><table><tr><th></th><th>D_name</th><th>Gen_name</th><th>Price</th><th>Consumed</th></tr><tr><td>1</td><td>Claritine</td><td>loratadine</td><td>43</td><td>6</td></tr></table></div>		D_name	Gen_name	Price	Consumed	1	Claritine	loratadine	43	6
	D_name	Gen_name	Price	Consumed							
1	Claritine	loratadine	43	6							

7-يجيب أسرع الشركات في التوصيل أو بمرتبتهم حسب ال_c_arrive

query	result																
<pre>select top 1 with ties Company.C_Arrive,Compan y.C_name, Company.C_telephone from Company order by C_Arrive</pre>	<table><tr><th></th><th>C_Arrive</th><th>C_name</th><th>C_telephone</th></tr><tr><td>1</td><td>1</td><td>lbn sina pharma</td><td>1552345341</td></tr><tr><td>2</td><td>1</td><td>Elixir pharma Delta office</td><td>4035774102</td></tr><tr><td>3</td><td>1</td><td>Pharma Plus</td><td>1025689357</td></tr></table>		C_Arrive	C_name	C_telephone	1	1	lbn sina pharma	1552345341	2	1	Elixir pharma Delta office	4035774102	3	1	Pharma Plus	1025689357
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- 1- احنا دخلنا البيانات ف ال tables قبل ما نشغل الكود بتاع ال procedures، عشان لو عكسنا التنفيذ بالنسبة لل..sell. ال trigger هيسمّع ف بيانات ال drugs(أول عمود بس).
- 2- لما ت drop table ال trigger المرتبط به بيتمسح معاه، زي لو جربت مع ال..sell.
- 3- لما ت drop column لازم تمسح ال constraint بتاعه الأول(لو ملهوش اسم.. drop table)، عشان هيدي ايرور.