

# SQL Project

Based on **Medicine Store** scenario, you will find some data in following table:

Medicinal name	Purchase by	Quantity	Primary side effect can happed
Synthroid/\$15	AA, at 1st Jan 2019	5	Diarrhea
Crestor/\$5, Lantus Solostar/\$30,	BB, CC at 20 March 2019	10	Skin rash
Synthroid/\$15, Januvia/\$12	CC, FF at 31 Dec 2019	2	No side effect
Ventolin HFA/\$40, Advair Diskus/\$32	RR at 05 Jan 2020	5	Headache
Nexium/\$20, Januvia/\$12	DD, RR at 15 Jan 2020	7	Dry mouth
Spiriva Handihaler/\$35, Nexium/\$20,	RR at 05 Jan 2020	9	Headache
Crestor/\$5, Januvia/\$12	CC, FF at 31 Dec 2019	10	No side effect

Sl	Question
1	Create database and table using 3rd normal form database name MedicineStoreDB with relationship
2	Insert all data to particular tables
3	Write one store procedure to support CRUD operation
4	Write a query to show medicine information such: name, total quantity of sales and total sales amount till now
5	Show customer order information, how many order places, total amount of each order with date. You are suggested to use subquery for this.
6	Show report (by creating view) based on question 5
7	Create a clustered index for any suitable table
8	Create function: Create a table function which will show 'Crestor' medicine details Create a scalars function which will show 'Crestor' medicine price
9	Using trigger prevent product delete and show error message
10	Use transactions to update medicine information