



FAST NU Lahore

# National University of Computer and Emerging Sciences



## In lab 5.2

“Views and Stored Procedure”

### Database Systems Lab

Course Instructor	
Lab Instructor (s)	
Section	
Semester	Spring 2022

Department of Computer Science  
FAST-NU, Lahore, Pakistan



## Exercise

Schema is given in Order.sql file

### ORDER

OrderNo	CustomerNo	Date	Total_Items_Ordered
1	C1	2012-12-11	30
2	C3	2016-12-01	5
3	C3	2017-01-01	20
4	C4	2017-01-02	15

### ORDER DETAILS

OrderNo	ItemNo	Quantity
1	200	20
1	400	10
2	200	5
3	200	20

### ITEMS

ItemNo	Name	Price	Quantity in Store
100	A	1000	100
200	B	2000	50
300	C	3000	60
400	D	6000	400

### CUSTOMERS

CustomerNo	Name	City	Phone
C1	AHMED ALI	LHR	111111
C2	ALI	LHR	222222
C3	AYESHA	LHR	333333
C4	BILAL	KHI	444444
C5	SADAF	KHI	555555
C6	FARAH	ISL	6666...

## Task-I

1. Create a View that gives order number and total price of that order (price= item price \* item Quantity )
2. Create a View that gives all the items that are doing well in sales. The criteria to judge which item is doing good sale is that the item is has sold more than 20 pieces.
3. Create a view that return StarCustomers. StarCustomers are the customers who have made a purchase of more than 2000.
4. Create a view that returns all the customers that have phone number not null.  
Create it without **with check** option.  
Create the same view with **WITH CHECK** option.
  - a. Now try to insert, delete and update though the view, and observe the results.