ORDER FORM

Order Number

Date

Customer Code

Name

Address

Item Number	Item Name	Quantity	Unit Price	Total Price
1	Shirt	5	1200	6000
2	Pants	5	1500	7500
3	Belt	1	800	800
4	Shoes	1	2500	2500

Total	**16800**
Freight	**200**
Total Order Value	**17000**

Ordy feild List

Ordy No
Date
Customy-code
Name
Address

Item No	Name	Qty	Unit Price	Total
:	:	:	:	:

Total :
Freight :
Ordy Value:

Ordy No
Date
Customy code
Name
Address
Item-No
Item-Name
Qty
Unit Price
Total
Grand Total
Freight
Ordy Value

1st Normal Form

Avoid repeating groups.

OdyNo	Date	Cust-code	Name	Add	ItemNo	Name	Qty	Price	Total ...
OR01	1-1-10	CC001	Madhan	Chennai	21	Modem	-	-	
OR02	1-1-10	CC001			27	Cabel	-	-	
OR01					23	Mouse	-	-	

OdyTable
No
Cust-code
Name
Address
Total
Freight
Ordy Value.

Ody - Item
Item Number
Name
Qty
Unit Price
Total Price

1 Identify the primary key for Original Table
2. Use the PK of original table in repeating table group.

Order-Item (PK; Order-NO, Item-No)

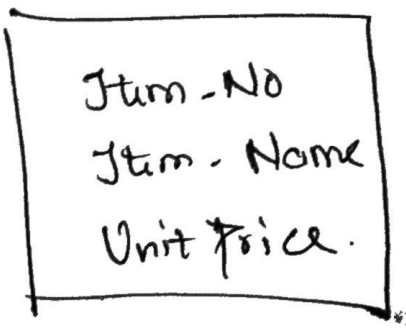
2nd Normal Form

All non-keys are functionally dependance on full primary key.

Order-ItemTable

1. Item Name depends on Item no not on order.

Item Table



3rd Normal form

No non key has a transitive dependence on the primary key.

$$A = B \; ; \; B = C \rightarrow A = C$$

Cust-Name & Address they depends on ordy-No but not directly. It's depend on customy-code which interns depend on Ordy-No.

Customy

code
Name
Address

Ordy

No
Date
Cust_code
Price
Freight
Total

Ordy-itemy

Ody-No
Item-No
Qty
Total Price

Item

Item_No
Item_Name
Unit Price.