			any one	relations	ship, we require	Location_Code
Name	<u>ID</u>	Mobile	A ,	D.O.B	Gender	Location_Code
Locat	ion Table:					
<u>Code</u> Name				e		
Sales Executive Table:						
<u>ID</u>	Na	me	Gender		Mobile No	D.O.B

C. 11 T. 1. 1.						
Sells at Table	: 					
Location	n_Code	Sales_Executive_ID				
Product Tabl	e:					
Code	Name	Price Per Unit	Product			
			Category Code			
Buys Table:						
Product.Code	Customer.ID	Number of Units	Date of			
		Purchased	Purchase			
Product Category Table:						
<u>Code</u>		Name				

Is Sold In Table:						
Location.Code	Product.Code					
Sells Table:						
Product.ID	SalesExecutive.ID					
Markets and Sells To Table:						
SalesExecutive.ID	Customer.ID					

NORMALIZATION

I will try to show probable cases where we might need normalization when we convert the logical code into an actual database.

Consider the Customer Table filled up as:

Name	<u>ID</u>	Mobile	D.O.B	Gender	Location_Code
Vishnu	12	8800813413, 7717756815	09/07/1999	Male	BLR
Shreesh	13	9029210929	12/09/1999	Male	BLR
Snigdha	14	9973278061	20/06/1997	Female	BLR

The above table is not 1NF normalized.

We can see the record corresponding to ID:12 contains 2 values beneath Mobile attribute.

We can normalize it by splitting the record.

Name	<u>ID</u>	Mobile	D.O.B	Gender	Location_Code
Vishnu	12	8800813413	09/07/1999	Male	BLR
Vishnu	12	7717756815	09/07/1999	Male	BLR
Shreesh	13	9029210929	12/09/1999	Male	BLR
Snigdha	14	9973278061	20/06/1997	Female	BLR

NOW the table is normalized.