Ex1: 5(points)

For the example below we have one big table. Put the table in normalized form.
OID = Order ID, O_Date= Order Date,
CID = Customer ID, C_Name = Customer Name, C_State = Customer's State,
PID = project id, P_Desc =Project Name, P_Price = Product Price, Qty = Quantity Purchased

Note: 7, 5, 4 means three Product IDs. Similarly, 1, 1, 5 means three Quantities.

Functional Dependencies are:
OID -> O_Date CID -> C_Name PID -> P_Desc PID -> P_Price
OID -> CID CID -> C_State PID and OID -> Qty

OID	O_Date	CID	C_Name	C_State	PID	P_Desc	P_Price	Qty
1006	10/24/09	2	Apex	NC	7, 5, 4	Table, Desk, Chair	800, 325, 200	1, 1, 5
1007	10/25/09	6	Acme	GA	11, 4	Dresser, Chair	500, 200	4, 6

You should start from 1NF to 3NF

Ex2: 5(points)

1NF

(Repeating & Multivalued)

DID	Dname	EID	Ename	PID	Pname	Btime
10	Finance	1	Huey	27	Alpha	4.5
10	Finance	5	Dewey	25	Beta	3
10	Finance	11	Louie	22	Gamma	7
14	R&D	2	Jack	26	Pail	8
14	R&D	4	Jill	21	Hill	9

You should start from 1NF to 3NF