

Question 1

For the following User View, determine the 1, 2 and 3NF The UNF relation has been provided.

Premiere Corporation**Order Detail Report**

Order Number	Order Date	Cust Number	Cust Last Name	Part Number	Part Desc	Qty Ordered	Quoted Price
12489	2016-09-02 124	124	Adams	AX12	Iron	11	14.95
12491	2016-09-02 311	311	Charles	BT04	GasGrill	3	440.00
				BZ66	Washer	1	399.99
				CX11	MiniBlender	1	11.98
12494	2016-09-04	315	Daniels	CB03	Bike	4	279.96
12495	2016-09-04	256	Samuels	CX11	MiniBlender	2	23.96
12498	2016-09-05	522	Nelson	AZ52	Dartboard	2	12.96
				BA74	Basketbal	4	24.96
12500	2016-09-05	124	Adams	BT04	GasGrill	1	149.99
12504	2016-09-05	522	Nelson	CZ81	Treadmill	2	325.98

UNF:

Order [PK OrderNo, Orderdate, CustNo, CustLname, (PartNo, PartDesc, QtyOrd, Price)]

1NF:

Order [PK OrderNo, Orderdate, CustNo, CustLname]

Part_Order [FK OrderNo, PartNo, PartDesc, QtyOrd, QuotedPrice]

2NF: (NO PARTIAL DEPENDENCY)

Order [PK OrderNo, Orderdate, CustNo, CustLname]

Part_Order [FK OrderNo, FK PartNo, QtyOrd]

Part [PK PartNo, PartDesc, QuotedPrice]

3NF: (NO TRANSITIVE DEPENDENCY)

Customer [PK CustNo, CustLname]

Order [PK OrderNo, Orderdate, FK CustNo]

Part_Order [PK OrderNo, FK PartNo, QtyOrd]

Part [PK PartNo, PartDesc, QuotedPrice]

Question 2

For the following User View, determine the UNF, 1, 2 and 3NF

Movie rental report

FULL NAMES	PHYSICAL ADDRESS	MOVIES RENTED	SALUTATION
Janet Jones	First Street Plot No 4	Pirates of the Caribbean, Clash of the Titans	Ms.
Robert Phil	3 rd Street 34	Forgetting Sarah Marshal, Daddy's Little Girls	Mr.
Robert Phil	5 th Avenue	Clash of the Titans	Mr.

UNF:

Client [**PK** clientId, fullName, address, salutation, (movieName)]

1NF:

Client [**PK** clientId, fullName, address, salutation]

Client_Movie [FK clientId, movieID, movieName]

2NF:

Client [**PK** clientId, fullName, address, salutation]

Client_Movie [FK clientId, FK movieID]

Movie [**PK** movieID, movieName]

3NF:

Client [**PK** clientId, FK fullName, address]

Client_Movie [FK clientId, FK movieID]

Movie [**PK** movieID, movieName]

ClientSal[PK fullName , salutation]