

Lab 10 Submission:

Name: Abdullah Al Mahfuz

Id- 180377236

Purpose- Lab10_2NF_3NF_DBS211

Date- 26 July 2024

For the following User View, determine the 1, 2 and 3NF and hand in this page to your instructor. 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 [OrderNo, Orderdate, CustNo, CustLname, (PartNo, PartDesc, QtyOrd, Price)]

1NF:

ORDER [OrderNo, PartNo, OrderDate, CustNo, CustLName, PartDesc, QtyOrd, Price]

OrderNo	OrderDate	CustNo	CustLName	PartNo	PartDesc	QtyOrd	Price
12489	2016-09-02	124	Adams	AX12	Iron	11	14.95
12491	2016-09-02	311	Charles	BT04	GasGrill	3	440.00
12491	2016-09-02	311	Charles	BZ66	Washer	1	399.99
12491	2016-09-02	311	Charles	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
12491	2016-09-05	522	Nelson	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

2NF:**ORDERS** [OrderNo, FK CustNo, OrderDate]**CUSTOMERS** [CustNo, CustLName]**ORDER_DETAILS** [FK OrderNo, FK PartNo, PartDesc, QtyOrd, Price]**ORDERS**

OrderNo	CustNo	OrderDate
12489	124	2016-09-02
12491	311	2016-09-02
12491	311	2016-09-02
12491	311	2016-09-02
12494	315	2016-09-04
12495	256	2016-09-04
12498	522	2016-09-05
12491	522	2016-09-05
12500	124	2016-09-05
12504	522	2016-09-05

CUSTOMERS

CustNo	CustLName
124	Adams
311	Charles
315	Daniels
256	Samuels
522	Nelson

ORDER_DETAILS

OrderNo	PartNo	PartDesc	QtyOrd	Price
12489	AX12	Iron	11	14.95
12491	BT04	GasGrill	3	440.00
12491	BZ66	Washer	1	399.99
12491	CX11	MiniBlender	1	11.98
12494	CB03	Bike	4	279.96
12495	CX11	MiniBlender	2	23.96
12498	AZ52	Dartboard	2	12.96
12491	BA74	Basketbal	4	24.96
12500	BT04	GasGrill	1	149.99
12504	CZ81	Treadmill	2	325.98

3NF:**ORDERS** [OrderNo, FK CustNo, OrderDate]**CUSTOMERS** [CustNo, CustLName]**ORDER_DETAILS** [FK OrderNo, FK PartNo, QtyOrd, Price]**PARTS** [PartNo, PartDesc]**ORDERS**

OrderNo	CustNo	OrderDate
12489	124	2016-09-02
12491	311	2016-09-02
12491	311	2016-09-02
12491	311	2016-09-02
12494	315	2016-09-04
12495	256	2016-09-04
12498	522	2016-09-05
12491	522	2016-09-05
12500	124	2016-09-05
12504	522	2016-09-05

CUSTOMERS

CustNo	CustLName
124	Adams
311	Charles
315	Daniels
256	Samuels
522	Nelson

ORDER_DETAILS

OrderNo	PartNo	QtyOrd	Price
12489	AX12	11	14.95
12491	BT04	3	440.00
12491	BZ66	1	399.99
12491	CX11	1	11.98
12494	CB03	4	279.96
12495	CX11	2	23.96
12498	AZ52	2	12.96
12491	BA74	4	24.96
12500	BT04	1	149.99
12504	CZ81	2	325.98

PARTS

PartNo	PartDesc
AX12	Iron
BT04	GasGrill
BZ66	Washer
CX11	MiniBlender
CB03	Bike
AZ52	Dartboard
BA74	Basketball
CZ81	Treadmil