# Lab 9 – Normalization 2

# (2NF, 3NF)

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**Lab 9 Submission: (Submit only from here)**

**For the following <mark>User View</mark>, 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 | Qnty 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** [**CK** <u>OrderNo</u>, Orderdate, CustNo, CustLname, <mark>(PartNo, PartDesc, QtyOrd, Price)</mark>]

**1NF:**

**Order[CK <u>OrderNo</u>, Orderdate, CustNo,CustLname]**
**Parts[CK <u>PartNo</u>, FK OrderNo, PartDesc, QtyOrd, Price]**

**2NF:**
**Order[CK <u>OrderNo</u>, Orderdate,CustNo, CustLname]**
**OrderParts[FK PartNo, FK OrderNo, QtyOrd]**

**Parts[CK <u>PartNo</u>, PartDesc, Price]**

**3NF:**
**Order [CK <u>OrderNo</u>, Orderdate, FK CustNo]**
**Customers[CK <u>CustNo</u>, CustLName]**
**OrderParts[FK PartNo, FK OrderNo, QtyOrd]**
**Parts[CK <u>PartNo</u>, PartDesc, Price]**