**Lab 9 – Normalization 2**

**(2NF, 3NF)**

Name: Pavneet Kaur

ID: ££££££

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

**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** | **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** OrderNo, Orderdate, CustNo, CustLname, **(**PartNo, PartDesc, QtyOrd, Price**)**]

**1NF:**

**Order[CK OrderNo, Orderdate, CustNo,CustLname]**

**Parts[CK PartNo, FK OrderNo, PartDesc, QntyOrdered, Price]**

**2NF:**

**Order[CK OrderNo, Orderdate,CustNo, CustLname]**

**OrderParts[FK PartNo, FK OrderNo, QntyOrdered]**

**Parts[CK PartNo, PartDesc, Price]**

**3NF:**

Order [CK OrderNo, Orderdate, FK CustNo]

Customers[CK CustNo, CustLName]

Orderline[FK PartNo, FK OrderNo, QntyOrdered]

Parts[CK PartNo, PartDesc, Price]

Order [CK OrderNo, Orderdate, FK CustNo]

Customers[CK CustNo, CustLName]

Orderline[FK PartNo, FK OrderNo, QntyOrdered]

Parts[CK PartNo, PartDesc, Price]

Order [CK OrderNo, Orderdate, FK CustNo]

Customers[CK CustNo, CustLName]

Orderline[FK PartNo, FK OrderNo, QntyOrdered]

Parts[CK PartNo, PartDesc, Price]

Order [CK OrderNo, Orderdate, FK CustNo]

Customers[CK CustNo, CustLName]

Orderline[FK PartNo, FK OrderNo, QntyOrdered]

Parts[CK PartNo, PartDesc, Price]

**Order [CK OrderNo, Orderdate, FK CustNo]**

**Customers[CK CustNo, CustLName]**

**OrderParts[FK PartNo, FK OrderNo, QntyOrdered]**

**Parts[CK PartNo, PartDesc, Price]**