**Name – Travis Liu**

**Student ID - 156740201**

**Lab 10 Submission:**

**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** [**PK** OrderNo, Orderdate, CustNo, CustFname, CustLname, **FK** PartNo]

**Parts** [**PK** PartNo, PartDesc, QtyOrd, Price]

**2NF:**

**Order** [**PK** OrderNo, Orderdate, **FK** CustNo, **FK** PartNo]

**Parts** [**PK** PartNo, PartDesc, QtyOrd, Price]

**Customers** [**PK** CustNo, CustFname, CustLname]

**3NF:**

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

**Order\_Parts** [**PK, FK1** OrderNo, **PK, FK2** PartNo, QtyOrd, Price]

**Parts** [**PK** PartNo, PartDesc]

**Customers** [**PK** CustNo, CustFname, CustLname]