|  |  |  |
| --- | --- | --- |
| CustomerNumber | CustomerName | CustomerAddress |
| 1001 | ABC Company | 100 Points, Manhattan, KS 66502 |

Customer table

|  |  |  |  |
| --- | --- | --- | --- |
| SalesOrderNumber | SalesOrderDate | CustomerNo | ClerkNo |
| 405 | 2/1/2000 | 1001 | 210 |

SalesOrder Table

|  |  |
| --- | --- |
| ClerkNumber | ClerkName |
| 210 | Martin Lawrence |

Clerk Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SalesOrderNumber | ItemOrdered | Description | Quantity | UnitPrice | Total |
| 405 | 800 | widget small | 40 | 60.00 | 2400 |
| 405 | 801 | Tingimajigger | 20 | 20.00 | 400 |
| 405 | 805 | thingibob | 10 | 100.00 | 1000 |

Item table

2NF

Customer -> no partial dep ->still the same

Clerk -> no partial dep ->still the same

SalesOrder-> no partial dep ->still the same

Item -> have partial dep

|  |  |  |
| --- | --- | --- |
| ItemNo | Description | Price |
| 800 | widget small | 60 |
| 801 | tingimajigger | 20 |
| 805 | thingibob | 100 |

|  |  |  |  |
| --- | --- | --- | --- |
| OrderNo | ItemNo | Qty | Total |
| 405 | 800 | 40 | 2400 |
| 405 | 801 | 20 | 400 |
| 405 | 805 | 10 | 1000 |

3NF

Cus,clerk.sales,item,order(remove total cause of tran\_dep)