

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Kode\_Faktur | Tanggal | Kode\_Barang | Nama\_Barang | Harga | Qty |
| KD\_001 | 13/07/2020 | BRG\_0001 | Indomie Goreng | 2500 | 5 |
| KD\_001 | 13/07/2020 | BRG\_0002 | Indomie Goreng Jumbo | 3000 | 8 |
| KD\_001 | 13/07/2020 | BRG\_0003 | Mie Sedaap Soto | 2500 | 9 |
| KD\_001 | 13/07/2020 | BRG\_0004 | Mie Sedaap Soto | 2300 | 3 |
| KD\_002 | 13/07/2020 | BRG\_0005 | Intermie Goreng | 1500 | 6 |
| KD\_002 | 13/07/2020 | BRG\_0006 | Intermie Soto | 1500 | 6 |
| KD\_003 | 13/07/2020 | BRG\_0007 | Pop Mie Ayam | 4500 | 3 |

1. **Second Normal Form**

**Tabel Faktur**

|  |  |  |  |
| --- | --- | --- | --- |
| Kode\_Faktur | Tanggal | Kode\_Barang | Qty |
| KD\_001 | 13/07/2020 | BRG\_0001 | 5 |
| KD\_001 | 13/07/2020 | BRG\_0002 | 8 |
| KD\_001 | 13/07/2020 | BRG\_0003 | 9 |
| KD\_001 | 13/07/2020 | BRG\_0004 | 3 |
| KD\_002 | 13/07/2020 | BRG\_0005 | 6 |
| KD\_002 | 13/07/2020 | BRG\_0006 | 6 |
| KD\_003 | 13/07/2020 | BRG\_0007 | 3 |

**Tabel Barang**

|  |  |  |
| --- | --- | --- |
| Kode\_Barang | Nama\_Barang | Harga |
| BRG\_0001 | Indomie Goreng | 2500 |
| BRG\_0002 | Indomie Goreng Jumbo | 3000 |
| BRG\_0003 | Mie Sedaap Soto | 2500 |
| BRG\_0004 | Mie Sedaap Soto | 2300 |
| BRG\_0005 | Intermie Goreng | 1500 |
| BRG\_0006 | Intermie Soto | 1500 |
| BRG\_0007 | Pop Mie Ayam | 4500 |

1. **Third Normal Form (3NF)**

**Tabel Faktur**

|  |  |
| --- | --- |
| Kode Faktur | Tanggal |
| KD\_001 | 13/07/2020 |
| KD\_002 | 13/07/2020 |
| KD\_003 | 14/07/2020 |

**Tabel Barang**

|  |  |  |
| --- | --- | --- |
| Kode Barang | Nama Barang | Harga |
| BRG\_0001 | Indomie Goreng | 2500 |
| BRG\_0002 | Indomie Goreng Jumbo | 3000 |
| BRG\_0003 | Mie Sedaap Soto | 2500 |
| BRG\_0004 | Mie Sedaap Soto | 2300 |
| BRG\_0005 | Intermie Goreng | 1500 |
| BRG\_0006 | Intermie Soto | 1500 |
| BRG\_0007 | Pop Mie Ayam | 4500 |

**Tabel Data Faktur Transaksi**

|  |  |  |
| --- | --- | --- |
| Kode\_Faktur | Kode\_Barang | Qty |
| KD\_001 | BRG\_0001 | 5 |
| KD\_001 | BRG\_0002 | 8 |
| KD\_001 | BRG\_0003 | 9 |
| KD\_001 | BRG\_0004 | 3 |
| KD\_002 | BRG\_0005 | 6 |
| KD\_002 | BRG\_0006 | 6 |
| KD\_003 | BRG\_0007 | 3 |

**Design Database**

Tbl\_faktur

Kode\_faktur(Varchar(20) Primary Key):

Tanggal Date

Tbl\_barang

Kode\_barang(Varchar(20) Primary Key);

Nama\_barang(Varchar(50);

Harga(int)

Tbl\_DetailTransaksi

Kode\_faktur(Varchar(20)Foreign Key);

Kode\_barang (Varchar(20)Foreign Key);

Qty int;

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