**PRAKTIKUM SISTEM DATABASES II**

**(Tugas 5)**

****

**Disusun Oleh:**

Prames Ray Lapian - 140810210059

**PROGRAM STUDI S-1 TEKNIK INFORMATIKA**

**FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM**

**UNIVERSITAS PADJADJARAN**

**JATINANGOR**

**2022**

Normalisasi tabel berikut ke 1NF, 2NF, dan 3NF!



1. 1NF

Tabel Barang

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Kode\_faktur | Tanggal | Kode\_barang | Nama\_barang | Harga | Qty |
| KD\_001 | 13/07/2020 | BRG\_001 | Indomie Goreng | 2500 | 5 |
| KD\_001 | 13/07/2020 | BRG\_002 | Indomie Goreng Jumbo | 3000 | 8 |
| KD\_001 | 13/07/2020 | BRG\_003 | Mie Sedap Goreng | 2500 | 9 |
| KD\_001 | 13/07/2020 | BRG\_004 | Mie Sedap Soto | 2300 | 3 |
| KD\_002 | 13/07/2020 | BRG\_005 | Intermie Goreng | 1500 | 6 |
| KD\_002 | 13/07/2020 | BRG\_006 | Intermie Soto | 1500 | 6 |
| KD\_003 | 14/07/2020 | BRG\_007 | Pop Mie Ayam | 4500 | 3 |

1. 2NF

Tabel Faktur

|  |  |  |  |
| --- | --- | --- | --- |
| Kode\_faktur | Tanggal | Kode\_barang | Qty |
| KD\_001 | 13/07/2020 | BRG\_001 | 5 |
| KD\_001 | 13/07/2020 | BRG\_002 | 8 |
| KD\_001 | 13/07/2020 | BRG\_003 | 9 |
| KD\_001 | 13/07/2020 | BRG\_004 | 3 |
| KD\_002 | 13/07/2020 | BRG\_005 | 6 |
| KD\_002 | 13/07/2020 | BRG\_006 | 6 |
| KD\_003 | 14/07/2020 | BRG\_007 | 3 |

Tabel Barang

|  |  |  |
| --- | --- | --- |
| Kode\_barang | Nama\_barang | Harga |
| BRG\_001 | Indomie Goreng | 2500 |
| BRG\_002 | Indomie Goreng Jumbo | 3000 |
| BRG\_003 | Mie Sedap Goreng | 2500 |
| BRG\_004 | Mie Sedap Soto | 2300 |
| BRG\_005 | Intermie Goreng | 1500 |
| BRG\_006 | Intermie Soto | 1500 |
| BRG\_007 | Pop Mie Ayam | 4500 |

1. 3NF

Tabel Barang

|  |  |  |
| --- | --- | --- |
| Kode\_barang | Nama\_barang | Harga |
| BRG\_001 | Indomie Goreng | 2500 |
| BRG\_002 | Indomie Goreng Jumbo | 3000 |
| BRG\_003 | Mie Sedap Goreng | 2500 |
| BRG\_004 | Mie Sedap Soto | 2300 |
| BRG\_005 | Intermie Goreng | 1500 |
| BRG\_006 | Intermie Soto | 1500 |
| BRG\_007 | Pop Mie Ayam | 4500 |

Tabel Faktur

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

Tabel Detail Barang

|  |  |  |  |
| --- | --- | --- | --- |
| Kode\_barang | Nama\_barang | Qty | Harga |
| BRG\_001 | Indomie Goreng | 5 | 2500 |
| BRG\_002 | Indomie Goreng Jumbo | 8 | 3000 |
| BRG\_003 | Mie Sedap Goreng | 9 | 2500 |
| BRG\_004 | Mie Sedap Soto | 3 | 2300 |
| BRG\_005 | Intermie Goreng | 6 | 1500 |
| BRG\_006 | Intermie Soto | 6 | 1500 |
| BRG\_007 | Pop Mie Ayam | 3 | 4500 |