NAMA : ASYRAFIL HUDA

NPM : 2010013231008

PRODI : PTIK

MATA KULIAH : SISTEM BASIS DATA

**Normalisasi Data**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No Nota | tanggal | Kode Sup | Nama Sup | Kode Barang | Nama Barang | Qty | Harga | Jumlah | Total |
| 001 | 01/01/05 | U01 | Unilever | L001 | Sabun Lux | 2 | 500 | 1000 | 1000 |
| 002 | 02/01/05 | I01 | Indofood | M001 | Indomie | 5 | 700 | 3500 | 9000 |
|  |  |  |  | S001 | Supermi | 10 | 550 | 5500 |  |
| 003 | 04/01/05 | I01 | Indofood | M001 | Indomie | 10 | 700 | 7000 | 7000 |

1. Bentuk normal pertama (1NF)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No Nota | tanggal | Kode Sup | Nama Sup | Kode Barang | Nama Barang | Qty | Harga | Jumlah | Total |
| 001 | 01/01/05 | U01 | Unilever | L001 | Sabun Lux | 2 | 500 | 1000 | 1000 |
| 002 | 02/01/05 | I01 | Indofood | M001 | Indomie | 5 | 700 | 3500 | 9000 |
| 002 | 02/01/05 | I01 | Indofood | S001 | Supermi | 10 | 550 | 5500 | 9000 |
| 003 | 04/01/05 | I01 | Indofood | M001 | Indomie | 10 | 700 | 7000 | 7000 |

1. Bentuk normal Kedua (2NF)

* Tabel suplier

|  |  |
| --- | --- |
| Kode sup | Nama Sup |
| U01 | Unilever |
| I01 | Indofood |

* Tabel Barang

|  |  |
| --- | --- |
| Kode Barang | Nama Barang |
| L001 | Sabun Lux |
| S001 | Supermi |
| M001 | Indomie |

* Tabel Nota

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No Nota | Tanggal | Kode Sup | Kode Barang | Qty | Harga | Total |
| 001 | 01/01/05 | U01 | L001 | 2 | 500 | 1000 |
| 002 | 02/01/05 | I01 | M001 | 5 | 700 | 9000 |
| 002 | 02/01/05 | I01 | S001 | 10 | 550 | 9000 |
| 003 | 04/01/05 | I01 | M001 | 10 | 700 | 7000 |

1. Bentuk normal Ketiga (3NF)

* Tabel Suplier

|  |  |
| --- | --- |
| Kode sup | Nama Sup |
| U01 | Unilever |
| I01 | Indofood |

* Tabel Barang

|  |  |
| --- | --- |
| Kode Barang | Nama Barang |
| L001 | Sabun Lux |
| S001 | Supermi |
| M001 | Indomie |

* Tabel Header Nota

|  |  |  |  |
| --- | --- | --- | --- |
| No Nota | Tanggal | Kode Sup | Total |
| 001 | 01/01/05 | U01 | 1000 |
| 002 | 02/01/05 | I01 | 9000 |
| 003 | 04/01/05 | I01 | 7000 |

* Tabel Detail Nota

|  |  |  |  |
| --- | --- | --- | --- |
| No Nota | Kode Brg | Qty | Harga |
| 001 | L001 | 2 | 500 |
| 002 | M001 | 5 | 700 |
| 002 | S001 | 10 | 550 |
| 003 | M001 | 10 | 700 |