**Fragmentasi Horizontal**

1. Relasi Kota = “**Medan**”

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No\_nas | Nama\_nas | Alamat | Kota | Saldo\_simpan | Saldo\_pinjam |
| 2001001 | Jamaludin | JL. Suci 10 | Medan | 100000 | 0 |
| 2001002 | Nurhaliza | JL. Abdi 22 | Medan | 2300000 | 1450000 |
| 2001003 | Nur Alam | JL. Aceh 10 | Medan | 1200000 | 3500000 |
| 2001004 | Setia | JL. Jawa 112 | Medan | 1500000 | 1000000 |

2. Relasi Kota = “**Padang**”

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No\_nas | Nama\_nas | Alamat | Kota | Saldo\_simpan | Saldo\_pinjam |
| 2002001 | Tini | JL. Adil 20 | Padang | 50000 | 0 |
| 2002002 | Ahmad | JL. Taat 12 | Padang | 750000 | 0 |
| 2002003 | Wisnu | JL. Damai 11 | Padang | 2600000 | 5000000 |
| 2002004 | Alif | JL. Mulia 1 | Padang | 100000 | 12000000 |

Rumus

* nasabah1 = @ kota = medan (nasabah)
* nasabah2 = @ kota = padang (nasabah)

**Fragmentasi Vertical**

Relasi 1 = Nama\_nas, Alamat, Kota, Saldo\_simpan, Saldo\_pinjam, Tuple\_ID

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Nama\_nas | Alamat | Kota | Saldo\_simpan | Saldo\_pinjam | Tuple\_ID |
| Jamaludin | JL. Suci 10 | Medan | 100000 | 0 | 1 |
| Nurhaliza | JL. Abdi 22 | Medan | 2300000 | 1450000 | 2 |
| Nur Alam | JL. Aceh 10 | Medan | 1200000 | 3500000 | 3 |
| Setia | JL. Jawa 112 | Medan | 1500000 | 1000000 | 4 |
| Tini | JL. Adil 20 | Padang | 50000 | 0 | 5 |
| Ahmad | JL. Taat 12 | Padang | 750000 | 0 | 6 |
| Wisnu | JL. Damai 11 | Padang | 2600000 | 5000000 | 7 |
| Alif | JL. Mulia 1 | Padang | 100000 | 12000000 | 8 |

Relasi 2 = No\_nas, Saldo\_simpan, Saldo\_pinjam, Tuple\_ID

|  |  |  |  |
| --- | --- | --- | --- |
| No\_nas | Saldo\_simpan | Saldo\_pinjam | Tuple\_ID |
| 2001001 | 100000 | 0 | 1 |
| 2001002 | 2300000 | 1450000 | 2 |
| 2001003 | 1200000 | 3500000 | 3 |
| 2001004 | 1500000 | 1000000 | 4 |
| 2002001 | 50000 | 0 | 5 |
| 2002002 | 750000 | 0 | 6 |
| 2002003 | 2600000 | 5000000 | 7 |
| 2002004 | 100000 | 12000000 | 8 |

**Fragmentasi Campuran**

1. Relasi 1a

No\_nas, Nama\_nas, Kota, Saldo\_simpan, Saldo\_pinjam, Tuple\_ID (**Kota = Medan**)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No\_nas | Nama\_nas | Kota | Saldo\_simpan | Saldo\_pinjam | Tuple\_ID |
| 2001001 | Jamaludin | Medan | 100000 | 0 | 1 |
| 2001002 | Nurhaliza | Medan | 2300000 | 1450000 | 2 |
| 2001003 | Nur Alam | Medan | 1200000 | 3500000 | 3 |
| 2001004 | Setia | Medan | 1500000 | 1000000 | 4 |

2. Relasi 2a

No\_nas, Nama\_nas, Kota, Saldo\_simpan, Saldo\_pinjam, Tuple\_ID (**Kota = Padang**).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No\_nas | Nama\_nas | Kota | Saldo\_simpan | Saldo\_pinjam | Tuple\_ID |
| 2002001 | Tini | Padang | 50000 | 0 | 5 |
| 2002002 | Ahmad | Padang | 750000 | 0 | 6 |
| 2002003 | Wisnu | Padang | 2600000 | 5000000 | 7 |
| 2002004 | Alif | Padang | 100000 | 12000000 | 8 |