

BASIS DATA LANJUT | TUGAS STORE PROCEDURE

Pertemuan 2



September 20, 2017

Faisal Alfareza

161116039 | PROFESIONAL

**TIPEHP**

|  |  |  |  |
| --- | --- | --- | --- |
| **Kd\_Merk(PK)** | **Merk** | **Type** | **Harga** |
| 10001 | Nokia | Nokia CD | 1.000.000 |
| 10002 | Nokia | Nokia ES-01 | 1.675.000 |
| 10003 | Nokia | Nokia C7 | 3.385.000 |
| 20001 | Sony | SE Iperis Mini | 5.000.000 |
| 20002 | Sony | SE Iperis Mini Pro | 9.000.000 |
| 20003 | Sony | SE Eim | 1.250.000 |
| 30001 | Samsung | Galaxy Geo | 2.000.000 |
| 30002 | Samsung | Galaxy Young | 900.000 |
| 30003 | Samsung | Galaxy Active | 2.550.000 |
| 30004 | Samsung | Galaxi Tab | 4.000.000 |

**BARANGHP**

|  |  |  |
| --- | --- | --- |
| **NoSeri(PK)** | **Kd\_Merk(FK)** | **Warna** |
| 11aa22bb | 10001 | Putih |
| 11ab22cc | 10001 | Hitam |
| 11ac33dd | 10002 | Putih |
| 11ad33ee | 10002 | Hitam |
| 11ae44ff | 10003 | Merah |
| 11af44gg | 10003 | Biru |
| 22ba22bb | 20001 | Putih |
| 22bb22cc | 20001 | Hitam |
| 22bc33dd | 20002 | Putih |
| 22bd33ee | 20002 | Hitam |
| 22be44ff | 20003 | Merah |
| 22bf44gg | 20003 | Biru |
| 33ca22bb | 30001 | Putih |
| 33cb22cc | 30001 | Putih |
| 33cc33dd | 30002 | Hitam |
| 33cd33ee | 30002 | Merah |
| 33ce44ff | 30003 | Biru |
| 33cf44gg | 30003 | Putih |
| 33cg55bb | 30004 | Putih |
| 33ch55ii | 30004 | Hitam |

**KARYAWAN**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Kd\_Kar (PK)** | **NamaK** | **Jabatan** | **AlamatK** | **TelpK** |
| K01 | Andi | Supervisor | Jl. Surabaya | 0812334501 |
| K02 | Budi | Staf | Jl. Malang | 0855382900 |
| K03 | Lisa | Staf | Jl. Jakarta | 0813245601 |
| K04 | Mona | Staf | Jl. Bandung | 0821435332 |

**PELANGGAN**

|  |  |  |  |
| --- | --- | --- | --- |
| **Kd\_Pel (PK)** | **NamaP** | **AlamatP** | **TelpP** |
| P00001 | Dika | Surabaya | 0811123456 |
| P00002 | Anisah | Malang | 0821345778 |
| P00003 | Wulan | Jakarta | 0888056403 |
| P00004 | Bety | Bandung | 0856749901 |
| P00005 | Dody | Malang | 0822333564 |
| P00006 | Iwan | Banyuwngi | 0854327861 |
| P00007 | Fery | Bali | 0888092342 |

**TRANSJUAL**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Nota (PK)** | **Tanggal** | **Kd\_Merk(FK)** | **Noseri(FK)** | **Kd\_Kar(FK)** | **Kd\_Pel(FK)** | **Total** |
| T000001 | 10/2/2013 | 10001 | 11ac33dd | K01 | P00001 | 1.675.000 |
| T000002 | 10/2/2013 | 20003 | 22bf44gg | K01 | P00002 | 1.250.000 |
| T000003 | 11/2/2013 | 20002 | 22bd33ee | K02 | P00003 | 9.000.000 |
| T000004 | 12/2/2013 | 10001 | 11aa22bb | K03 | P00004 | 1.000.000 |
| T000005 | 15/2/2013 | 30001 | 33cb22cc | K04 | P00001 | 2.000.000 |
| T000006 | 25/2/2013 | 30003 | 33cf44gg | K01 | P00005 | 2.550.000 |
| T000007 | 26/2/2013 | 30003 | 33cf44gg | K02 | P00006 | 2.550.000 |
| T000008 | 1/3/2013 | 10002 | 11ad33ee | K03 | P00007 | 1.675.000 |
| T000009 | 1/3/2013 | 20002 | 22bc33dd | K03 | P00002 | 9.000.000 |
| T000010 | 4/3/2013 | 30003 | 33ce44ff | K04 | P00003 | 2.550.000 |
| T000011 | 4/3/2013 | 30004 | 33ch55ii | K04 | P00006 | 4.000.000 |
| T000012 | 6/3/2013 | 10001 | 11ab22cc | K01 | P00007 | 1.000.000 |
| T000013 | 10/3/2013 | 10002 | 11ac33dd | K02 | P00005 | 1.675.000 |
| T000014 | 10/3/2013 | 10001 | 11aa22bb | K02 | P00002 | 1.000.000 |
| T000015 | 12/3/2013 | 30003 | 33cf44gg | K03 | P00001 | 2.550.000 |

**BUAT STORE PROCEDURE DAN OUTPUT SOAL DIBAWAH INI :**

1. Dapatkan Nama Pelanggan yang membeli HP type ‘Nokia’ Pada bulan Pebruari 2013.

CREATE PROCEDURE listCustByTypeAndDate()

SELECT p.namap

FROM pelanggan p

JOIN transjual trj

ON p.kd\_pel = trj.kd\_pel

JOIN tipehp t

ON t.kd\_merk = trj.kd\_merk

WHERE t.merk = ‘Nokia’

AND month(trj.tanggal) = 2

AND year(trj.tanggal) = 2013;

CALL listCustByTypeAndDate();



1. Dapatkan jumlah pelanggan yang ditagani oleh pegawai Mona Pada Bulan Maret 2013.

CREATE PROCEDURE countCustHandledByEmployeeAndDate()

SELECT COUNT(\*)

FROM pelanggan p

JOIN transjual trj

ON p.kd\_pel = trj.kd\_pel

JOIN karyawan k

ON k.kd\_kar = trj.kd\_kar

WHERE k.namak = ‘Mona’

AND month(trj.tanggal) = 3

AND year(trj.tanggal) = 2013;

CALL countCustHandledByEmployeeAndDate();



1. Dapatkan No Seri dan merk diurutkan berdasarkan hp yang terlaku pada bulan Pebuari s/d Maret 2013.

CREATE PROCEDURE listBrandsOrderByTotalAndDateRange()

SELECT b.no\_seri, t.merk

FROM tipehp t

JOIN baranghp b

ON t.kd\_merk = b.kd\_merk

JOIN transjual trj

ON b.no\_seri = trj.no\_seri

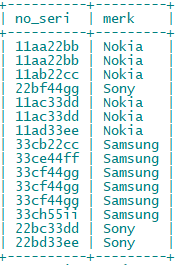
WHERE month(trj.tanggal) >= 2

AND month(trj.tanggal) <= 3

AND year(trj.tanggal) = 2013

ORDER BY trj.total;

CALL listBrandsOrderByTotalAndDateRange();



1. Dapatkan Setiap merk total yang terjual pada bulan Maret 2013.

CREATE PROCEDURE eachBrandsSouldByDate()

SELECT t.merk, COUNT(\*)

FROM tipehp t

JOIN transjual trj

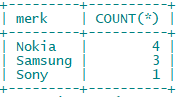
ON t.kd\_merk = trj.kd\_merk

WHERE month(trj.tanggal) = 3

AND year(trj.tanggal) = 2013

GROUP BY t.merk;

CALL eachBrandsSouldByDate();



1. Dapatkan nama dan jumlah HP yang terjual pada bulan Pebruari 2013 dengan parameter berdasarkan merk.

CREATE PROCEDURE listNameAndTotalByDate(IN merk VARCHAR(15))

SELECT t.merk, k.namak, p.namap, trj.total

FROM tipehp t

JOIN transjual trj

ON t.kd\_merk = trj.kd\_merk

JOIN karyawan k

ON k.kd\_kar = trj.kd\_kar

JOIN pelanggan p

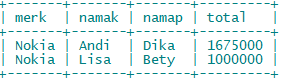
ON p.kd\_pel = trj.kd\_pel

WHERE month(trj.tanggal) = 2

AND year(trj.tanggal) = 2013

AND t.merk = merk;

CALL listNameAndTotalByDate(‘Nokia’);



1. Dapatkan setiap warna jumlah HP yang terjual pada bulan Maret 2013 dengan parameter berdasarkan warna.

CREATE PROCEDURE listColorAndTotalByDate(IN color VARCHAR(15))

SELECT b.warna, trj.total

FROM baranghp b

JOIN transjual trj

ON b.no\_seri = trj.no\_seri

WHERE month(trj.tanggal) = 3

AND year(trj.tanggal) = 2013

AND b.warna = color;

CALL listColorAndTotalByDate (‘Putih’);

