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TUGAS BASIS DATA

Buat tabel stock

item_produk	item_barang	satuan	kapasitas_total	stock	keterangan	persen	shif_produksi
baixin	preform botol 29/25 12,8 grm/ic	pcs	640000	151040	-488960	23,60%	5,66
baixin	preform botol 29/25 12,5 grm/nsp	pcs	640000	119600	-488960	23,60%	5,66
baixin	pe 03*99,5*87	grm	380000	167400	-212600	44,05%	14,19
baixin	packing tape 1,5*100 m	roll	224	49	-175	21,88%	8,17
galon cleo handle	tutup galon cleo orange non spill cs	pcs	72000	31052	-40948	43,13%	13,00
galon cleo handle	cap seal cleo 20 ltr	pcs	264000	31494	-232506	11,93%	14,00
galon cleo handle	pe 03*47*75 (new) printing cleo	grm	680000	77700	-602300	11,43%	1,60
galon indomaret handle	tutup galon cleo biru non spill cs	pcs	48000	25713	-22987	53,57%	25,71
galon indomaret handle	cap seal indomaret 19 ltr	pcs	144000	29230	-114770	20,30%	29,23
galon indomaret handle	pe 03*47*75 (new) printing indomaret	grm	680000	168600	-511600	24,79%	7,31
cleo 550 ecoshape	botol 550 ecoshape 29/25 12,8 grm/ic	pcs	174960	74920	-100031	42,83%	2,60
cleo 550 ecoshape	tutup botol 29/25 1,3 grm orange su	pcs	480000	348369	-131631	72,58%	12,10
cleo 550 ecoshape	label 550 ecoshape md single	pcs	450000	465483	+15483	100,44%	16,16
cleo 550 ecoshape	karton 550 ecoshape	pcs	60000	7145	-52855	11,91%	5,95
cleo 550 ecoshape	packing tape 1,5*500 m	roll	224	108	-116	48,21%	18,00

Kemudian masuk pada xampp

Cd

Cd mysql

MySQL -u root

Kemudian

 **Create database stock_gudang;**

 **Use stock_gudang;**

```
XAMPP for Windows - mysql -u root
Setting environment for using XAMPP for Windows.
WIN 10@DESKTOP-503JQHN c:\xampp
# cd
c:\xampp
WIN 10@DESKTOP-503JQHN c:\xampp
# cd mysql/bin
WIN 10@DESKTOP-503JQHN c:\xampp\mysql\bin
# mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 12
Server version: 10.1.10-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2015, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create database stock_gudang;
Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use stock_gudang;
Database changed
```

Buat tabel dengan nama gudang_bahan_baku

🔧 Create table gudang_bahan_baku

```
database changed
MariaDB [stock_gudang]> create table gudang_bahan_baku
-> values
-> (item_produk varchar (30) not null,
-> item_barang varchar (60) not null,
-> satuan varchar (5) not null,
-> kapasitas_total varchar (15) not null,
-> stock varchar (15) not null,
-> keterangan varchar (15) not null,
-> persen varchar (6) not null,
-> shif_produksi varchar (10) not null);
Query OK, 0 rows affected (0.28 sec)
```

🔧 Desc gudang_bahan_baku;

```
XAMPP for Windows - mysql -u root
MariaDB [stock_gudang]> desc gudang_bahan_baku;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| item_produk | varchar(30) | NO | | NULL | |
| item_barang | varchar(60) | NO | | NULL | |
| satuan | varchar(5) | NO | | NULL | |
| kapasitas_total | varchar(15) | NO | | NULL | |
| stock | varchar(15) | NO | | NULL | |
| keterangan | varchar(15) | NO | | NULL | |
| persen | varchar(6) | NO | | NULL | |
| shif_produksi | varchar(10) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.03 sec)
```

Kemudian input data sesuai dengan data yang ada pada stock gudang

🔧 Insert into gudang_bahan_baku

values

```
MariaDB [stock_gudang]> insert into gudang_bahan_baku
-> values
-> ('baixin','preform botol 29/25 12,8 grm/ic','pcs','640000','151040','-488960','23,60%','5,66'),
-> ('baixin','preform botol 29/25 12,5 grm/nsp','pcs','640000','119600','-488960','23,60%','5,66'),
-> ('baixin','pe 03*99,5*87','grm','380000','167400','-212600','44,05%','14,19'),
-> ('baixin','packing tape 1,5*100 m','roll','224','40','-175','21,88%','8,17'),
-> ('galon cleo handle','tutup galon cleo orange non spill cs','pcs','72000','31052','-40948','43,13%','13,80'),
-> ('galon cleo handle','cap seal cleo 20 ltr','pcs','264000','31494','-232506','11,93%','14,00'),
-> ('galon cleo handle','pe 03*47*75 (new) printing cleo','grm','680000','77700','-602300','11,43%','1,60'),
-> ('galon indomaret handle','tutup galon cleo biru non spill cs','pcs','48000','25713','-22987','53,57%','25,71'),
-> ('galon indomaret handle','cap seal indomaret 19 ltr','pcs','144000','29230','-114770','20,30%','29,23'),
-> ('galon indomaret handle','pe 03*47*75 (new) printing indomaret','grm','680000','168600','-511600','24,79%','7,31'),
-> ('cleo 550 ecoshape','botol 550 ecoshape 29/25 12,8 grm/ic','pcs','174960','74929','-100031','42,83%','2,60'),
-> ('cleo 550 ecoshape','tutup botol 29/25 1,3 grm orange su','pcs','480000','348369','-131631','72,58%','12,10'),
-> ('cleo 550 ecoshape','label 550 ecoshape md single','pcs','450000','465483','+15483','100,44%','16,16'),
-> ('cleo 550 ecoshape','karton 550 ecoshape','pcs','60000','7145','-52855','11,91%','5,95'),
-> ('cleo 550 ecoshape','packing tape 1,5*500 m','roll','224','108','-116','48,21%','18,00');
Query OK, 15 rows affected (0.10 sec)
Records: 15 Duplicates: 0 Warnings: 0
```

🔧 Select*from gudang_bahan_baku;

```
XAMPP for Windows - mysql -u root
MariaDB [stock_gudang]> select*from gudang_bahan_baku;
+-----+-----+-----+-----+-----+-----+-----+
| item_produk | item_barang | satuan | kapasitas_total | stock | keterangan | persen | shif_produksi |
+-----+-----+-----+-----+-----+-----+-----+
| baixin | preform botol 29/25 12,8 grm/ic | pcs | 640000 | 151040 | -488960 | 23,60% | 5,66 |
| baixin | preform botol 29/25 12,5 grm/nsp | pcs | 640000 | 119600 | -488960 | 23,60% | 5,66 |
| baixin | pe 03*99,5*87 | grm | 380000 | 167400 | -212600 | 44,05% | 14,19 |
| baixin | packing tape 1,5*100 m | roll | 224 | 40 | -175 | 21,88% | 8,17 |
| galon cleo handle | tutup galon cleo orange non spill cs | pcs | 72000 | 31052 | -40948 | 43,13% | 13,80 |
| galon cleo handle | cap seal cleo 20 ltr | pcs | 264000 | 31494 | -232506 | 11,93% | 14,00 |
| galon indomaret handle | pe 03*47*75 (new) printing cleo | grm | 680000 | 77700 | -602300 | 11,43% | 1,60 |
| galon indomaret handle | tutup galon cleo biru non spill cs | pcs | 48000 | 25713 | -22987 | 53,57% | 25,71 |
| galon indomaret handle | cap seal indomaret 19 ltr | pcs | 144000 | 29230 | -114770 | 20,30% | 29,23 |
| galon indomaret handle | pe 03*47*75 (new) printing indomaret | grm | 680000 | 168600 | -511600 | 24,79% | 7,31 |
| cleo 550 ecoshape | botol 550 ecoshape 29/25 12,8 grm/ic | pcs | 174960 | 74929 | -100031 | 42,83% | 2,60 |
| cleo 550 ecoshape | tutup botol 29/25 1,3 grm orange su | pcs | 480000 | 348369 | -131631 | 72,58% | 12,10 |
| cleo 550 ecoshape | label 550 ecoshape md single | pcs | 450000 | 465483 | +15483 | 100,44% | 16,16 |
| cleo 550 ecoshape | karton 550 ecoshape | pcs | 60000 | 7145 | -52855 | 11,91% | 5,95 |
| cleo 550 ecoshape | packing tape 1,5*500 m | roll | 224 | 108 | -116 | 48,21% | 18,00 |
+-----+-----+-----+-----+-----+-----+-----+
15 rows in set (0.00 sec)
```

Ada berapa item_barang tersebut?

 **Select count(item_barang)from gudang_bahan_baku;**

```

MariaDB [stock_gudang]> select count(item_barang)from gudang_bahan_baku;
+-----+
| count(item_barang) |
+-----+
|          15        |
+-----+
1 row in set (0.00 sec)
```

Tampilkan item_barang dan stock ?

 **Select item_barang,stock from gudang_bahan_baku;**

```

XAMPP for Windows - mysql -u root
MariaDB [stock_gudang]> select item_barang,stock from gudang_bahan_baku;
+-----+-----+
| item_barang | stock |
+-----+-----+
| preform botol 29/25 12,8 grm/ic | 151040 |
| preform botol 29/25 12,5 grm/nsp | 167400 |
| pe 03*99,5*87 | 49 |
| packing tape 1,5*100 m | 31052 |
| tutup galon cleo orange non spill cs | 31404 |
| cap seal cleo 20 ltr | 77700 |
| pe 03*47*75 (new) printing cleo | 25713 |
| tutup galon cleo biru non spill cs | 29230 |
| cap seal indomaret 19 ltr | 168600 |
| pe 03*47*75 (new) printing indomaret | 74929 |
| botol 550 ecoshape 29/25 12,8 grm/ic | 348360 |
| tutup botol 29/25 1,3 grm orange su | 465483 |
| label 550 ecoshape md single | 7145 |
| karton 550 ecoshape | 108 |
| packing tape 1,5*500 m | 108 |
+-----+-----+
15 rows in set (0.00 sec)
```

Tampilkan shif_produksi max ?

 **Select*from max(shif_produksi)from gudang_bahan_baku;**

```

MariaDB [stock_gudang]> select max(shif_produksi)from gudang_bahan_baku;
+-----+
| max(shif_produksi) |
+-----+
| 8,17 |
+-----+
1 row in set (0.00 sec)
```

Tampilkan shif_produksi min ?

 **Select*from min(shif_produksi)from gudang_bahan_baku;**

```

MariaDB [stock_gudang]> select min(shif_produksi)from gudang_bahan_baku;
+-----+
| min(shif_produksi) |
+-----+
| 1,60 |
+-----+
1 row in set (0.00 sec)
```

Tampilkan berdasarkan satuan barang ?

 **Select*from gudang_bahan_baku where satuan='grm';**

```

XAMPP for Windows - mysql -u root
MariaDB [stock_gudang]> select*from gudang_bahan_baku where satuan='grm';
+-----+-----+-----+-----+-----+-----+-----+
| item_produk | item_barang | satuan | kapasitas_total | stock | keterangan | persen | shif_produksi |
+-----+-----+-----+-----+-----+-----+-----+
| baixin | pe 03*99,5*87 | grm | 380000 | 167400 | -212600 | 44,05% | 14,19 |
| galon cleo handle | pe 03*47*75 (new) printing cleo | grm | 680000 | 77700 | -602300 | 11,43% | 1,60 |
| galon indomaret handle | pe 03*47*75 (new) printing indomaret | grm | 680000 | 168600 | -511600 | 24,79% | 7,31 |
+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

 **Select*from gudang_bahan_baku where satuan='pcs';**

```
MarlaDB [stock_gudang]> select*from gudang_bahan_baku where satuan='pcs';
```

item_produk	item_barang	satuan	kapasitas_total	stock	keterangan	persen	shif_produksi
baixin	preform botol 29/25 12,8 grm/ic	pcs	640000	151040	-488960	23,60%	5,66
baixin	preform botol 29/25 12,5 grm/nsp	pcs	640000	119600	-488960	23,60%	5,66
galon cleo handle	tutup galon cleo orange non spill cs	pcs	72000	31052	-40948	43,13%	13,00
galon cleo handle	cap seal cleo 20 ltr	pcs	264000	31494	-232506	11,93%	14,00
galon indomaret handle	tutup galon cleo biru non spill cs	pcs	48000	25713	-22287	53,57%	25,71
galon indomaret handle	cap seal indomaret 19 ltr	pcs	144000	29230	-114770	20,30%	29,23
cleo 550 ecoshape	botol 550 ecoshape 29/25 12,8 grm/ic	pcs	174960	74929	-100031	42,83%	2,60
cleo 550 ecoshape	tutup botol 29/25 1,3 grm orange su	pcs	480000	348369	-131631	72,58%	12,10
cleo 550 ecoshape	label 550 ecoshape md single	pcs	450000	465483	+15483	100,44%	16,16
cleo 550 ecoshape	karton 550 ecoshape	pcs	60000	7145	-52855	11,91%	5,95

10 rows in set (0.00 sec)

 **Select*from gudang_bahan_baku where satuan='roll';**

```
MarlaDB [stock_gudang]> select*from gudang_bahan_baku where satuan='roll';
```

item_produk	item_barang	satuan	kapasitas_total	stock	keterangan	persen	shif_produksi
baixin	packing tape 1,5*180 m	roll	224	49	-175	21,88%	8,17
cleo 550 ecoshape	packing tape 1,5*500 m	roll	224	108	-116	48,21%	18,00

2 rows in set (0.00 sec)