Simple SELECTs

Worksheet 2

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Mandiri

SOAL 2.3

1. Tampilkan produk yang kode awalnya huruf K dan huruf M

MariaDB [dbpos]> SELECT \* FROM produk WHERE kode LIKE 'K%' OR kode LIKE 'M%';

+----+------+----------------+------------+------------+------+----------+-----------------+

| id | kode | nama | harga\_beli | harga\_jual | stok | min\_stok | jenis\_produk\_id |

+----+------+----------------+------------+------------+------+----------+-----------------+

| 3 | K001 | Kulkas 2 pintu | 3500000 | 4867200 | 0 | 2 | 1 |

| 4 | M001 | Meja Makan | 500000 | 660000 | 6 | 3 | 2 |

+----+------+----------------+------------+------------+------+----------+-----------------+

2 rows in set (0.003 sec)

1. Tampilkan produk yang kode awalnya bukan huruf M

MariaDB [dbpos]> SELECT \* FROM produk WHERE kode NOT LIKE 'M%';

+----+------+------------------+------------+------------+------+----------+-----------------+

| id | kode | nama | harga\_beli | harga\_jual | stok | min\_stok | jenis\_produk\_id |

+----+------+------------------+------------+------------+------+----------+-----------------+

| 1 | TV01 | Televisi 21 inch | 3500000 | 5241600 | NULL | 2 | 1 |

| 2 | TV02 | Televisi 40 inch | 5500000 | 7737600 | 5 | 2 | 1 |

| 3 | K001 | Kulkas 2 pintu | 3500000 | 4867200 | 0 | 2 | 1 |

| 5 | TK01 | Teh Kotak | 3000 | 4235 | 0 | 10 | 4 |

| 6 | PC01 | PC Desktop HP | 7000000 | 9600000 | 3 | 2 | 5 |

| 7 | TB01 | Teh Botol | 2000 | 3025 | 39 | 10 | 4 |

| 8 | AC01 | Notebook Acer | 8000000 | 10800000 | 1 | 2 | 5 |

| 9 | LN01 | Notebook Lenovo | 9000000 | 12000000 | 3 | 2 | 5 |

+----+------+------------------+------------+------------+------+----------+-----------------+

8 rows in set (0.001 sec)

1. Tampilkan produk-produk televisi

MariaDB [dbpos]> SELECT \* FROM produk WHERE nama LIKE '%Televisi%';

+----+------+------------------+------------+------------+------+----------+-----------------+

| id | kode | nama | harga\_beli | harga\_jual | stok | min\_stok | jenis\_produk\_id |

+----+------+------------------+------------+------------+------+----------+-----------------+

| 1 | TV01 | Televisi 21 inch | 3500000 | 5241600 | NULL | 2 | 1 |

| 2 | TV02 | Televisi 40 inch | 5500000 | 7737600 | 5 | 2 | 1 |

+----+------+------------------+------------+------------+------+----------+-----------------+

2 rows in set (0.001 sec)

1. Tampilkan pelanggan mengandung huruf 'SA'

MariaDB [dbpos]> SELECT \* FROM pelanggan WHERE nama LIKE '%SA%';

+----+------+-------------+------+-----------+------------+------------------+----------+

| id | kode | nama | jk | tmp\_lahir | tgl\_lahir | email | kartu\_id |

+----+------+-------------+------+-----------+------------+------------------+----------+

| 9 | C009 | Ahmad Hasan | L | Surabaya | 1992-10-15 | ahasan@gmail.com | 4 |

| 10 | C010 | Cassanndra | P | Belfast | 1990-11-20 | casa90@gmail.com | 1 |

+----+------+-------------+------+-----------+------------+------------------+----------+

2 rows in set (0.002 sec)

1. Tampilkan pelanggan yang lahirnya bukan di Jakarta dan mengandung huruf ‘yo‘

MariaDB [dbpos]> SELECT \* FROM pelanggan WHERE tmp\_lahir != 'Jakarta' AND nama LIKE '%yo%';

Empty set (0.002 sec)

1. Tampilkan pelanggan yang karakter huruf ke – 2 nya adalah A

MariaDB [dbpos]> SELECT \* FROM pelanggan WHERE nama LIKE '\_A%';

+----+------+--------------+------+------------+------------+------------------+----------+

| id | kode | nama | jk | tmp\_lahir | tgl\_lahir | email | kartu\_id |

+----+------+--------------+------+------------+------------+------------------+----------+

| 2 | C002 | Pandan Wangi | P | Yogyakarta | 1950-01-01 | wangi@gmail.com | 2 |

| 6 | C006 | Gayatri Dwi | P | Jakarta | 1987-11-28 | gaya87@gmail.com | 1 |

| 10 | C010 | Cassanndra | P | Belfast | 1990-11-20 | casa90@gmail.com | 1 |

+----+------+--------------+------+------------+------------+------------------+----------+

3 rows in set (0.001 sec)

SOAL 2.4

1. Tampilkan 2 data produk termahal

MariaDB [dbpos]> SELECT \* FROM produk ORDER BY harga\_beli DESC LIMIT 2;

+----+------+-----------------+------------+------------+------+----------+-----------------+

| id | kode | nama | harga\_beli | harga\_jual | stok | min\_stok | jenis\_produk\_id |

+----+------+-----------------+------------+------------+------+----------+-----------------+

| 9 | LN01 | Notebook Lenovo | 9000000 | 12000000 | 3 | 2 | 5 |

| 8 | AC01 | Notebook Acer | 8000000 | 10800000 | 1 | 2 | 5 |

+----+------+-----------------+------------+------------+------+----------+-----------------+

2 rows in set (0.005 sec)

1. Tampilkan produk yang paling murah

MariaDB [dbpos]> SELECT \* FROM produk ORDER BY harga\_beli ASC LIMIT 1;

+----+------+-----------+------------+------------+------+----------+-----------------+

| id | kode | nama | harga\_beli | harga\_jual | stok | min\_stok | jenis\_produk\_id |

+----+------+-----------+------------+------------+------+----------+-----------------+

| 7 | TB01 | Teh Botol | 2000 | 3025 | 39 | 10 | 4 |

+----+------+-----------+------------+------------+------+----------+-----------------+

1 row in set (0.001 sec)

1. Tampilkan produk yang stoknya paling banyak

MariaDB [dbpos]> SELECT \* FROM produk ORDER BY stok DESC LIMIT 1;

+----+------+-----------+------------+------------+------+----------+-----------------+

| id | kode | nama | harga\_beli | harga\_jual | stok | min\_stok | jenis\_produk\_id |

+----+------+-----------+------------+------------+------+----------+-----------------+

| 7 | TB01 | Teh Botol | 2000 | 3025 | 39 | 10 | 4 |

+----+------+-----------+------------+------------+------+----------+-----------------+

1 row in set (0.001 sec)

1. Tampilkan dua produk yang stoknya paling sedikit

MariaDB [dbpos]> SELECT \* FROM produk ORDER BY stok ASC LIMIT 2;

+----+------+------------------+------------+------------+------+----------+-----------------+

| id | kode | nama | harga\_beli | harga\_jual | stok | min\_stok | jenis\_produk\_id |

+----+------+------------------+------------+------------+------+----------+-----------------+

| 1 | TV01 | Televisi 21 inch | 3500000 | 5241600 | NULL | 2 | 1 |

| 3 | K001 | Kulkas 2 pintu | 3500000 | 4867200 | 0 | 2 | 1 |

+----+------+------------------+------------+------------+------+----------+-----------------+

2 rows in set (0.001 sec)

1. Tampilkan pelanggan yang paling muda

MariaDB [dbpos]> SELECT \* FROM pelanggan ORDER BY tgl\_lahir DESC LIMIT 1;

+----+------+--------------+------+-----------+------------+------------------+----------+

| id | kode | nama | jk | tmp\_lahir | tgl\_lahir | email | kartu\_id |

+----+------+--------------+------+-----------+------------+------------------+----------+

| 1 | C001 | Agung Sedayu | L | Solo | 2010-01-01 | sedayu@gmail.com | 1 |

+----+------+--------------+------+-----------+------------+------------------+----------+

1 row in set (0.003 sec)

1. Tampilkan pelanggan yang paling tua

MariaDB [dbpos]> SELECT \* FROM pelanggan ORDER BY tgl\_lahir ASC LIMIT 1;

+----+------+--------------+------+------------+------------+-----------------+----------+

| id | kode | nama | jk | tmp\_lahir | tgl\_lahir | email | kartu\_id |

+----+------+--------------+------+------------+------------+-----------------+----------+

| 2 | C002 | Pandan Wangi | P | Yogyakarta | 1950-01-01 | wangi@gmail.com | 2 |

+----+------+--------------+------+------------+------------+-----------------+----------+

1 row in set (0.000 sec)