

Simple SELECTs
Worksheet 2

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SOAL 2.1

1. Download <https://github.com/beekeeper-studio/beekeeper-studio/releases/tag/v3.8.9>
2. Tampilkan seluruh data produk diurutkan berdasarkan harga_jual mulai dari yang termahal

*SELECT * FROM produk ORDER BY harga_jual DESC;*

Jawaban :

MariaDB [dbpos_sib6]> SELECT * FROM produk ORDER BY harga_jual DESC;

```
+---+-----+-----+-----+-----+-----+-----+-----+
| id | kode | nama          | harga_beli | harga_jual | stok | min_stok | foto          | deskripsi
| jenis_produk_id |
+---+-----+-----+-----+-----+-----+-----+-----+
| 1 | TV01 | Televisi 21 inchs | 3500000 | 50500000 | 5 | 2 |          | NULL
|          |          |          |          |          |          |          |          |
| 19 | TV0115 | Televisi 22 inc` | 3500000 | 50500000 | 5 | 2 | NULL      | NULL
|          |          |          |          |          |          |          |          |
| 20 | TV0116 | Televisi 23 inc | 3500000 | 50500000 | 5 | 2 | NULL      | NULL
|          |          |          |          |          |          |          |          |
| 21 | TV0117 | Televisi 24 inc | 3500000 | 50500000 | 5 | 2 | NULL      | NULL
|          |          |          |          |          |          |          |          |
| 22 | TV0118 | Televisi 25 inc | 3500000 | 50500000 | 5 | 2 | NULL      | NULL
|          |          |          |          |          |          |          |          |
| 24 | TV0120 | Televisi 27 inc | 3500000 | 50500000 | 5 | 2 | NULL      | NULL
```

					1				
25	TV0121	Televisi 28 inc	3500000	50500000	5	2	NULL	NULL	

					1			
26	TV0122	Televisi 29 inc	3500000	50500000	5	2	NULL	NULL

				1			
11	L005	Laptop Lenovo	13000000	16000000	5	2	NULL

[illegible]

						5			
	8 AC01	Notebook Acer S		8000000		11232000		7	2 NULL NULL

				5			
6	PC01	PC Desktop HP	7000000	9984000	9	2	NULL
						NULL	

[illegible]

		1
18 L0015 Laptop Asus	3000000 5000000 10	20 foto-65542ffa66604.jpg
NULL		

					1			
3	K001	Kulkas 2 pintu	3500000	4680000	6	2		NULL

[illegible]
$$| \quad \quad \quad 2 |$$

15	L112	Kopi		20000		30000		10		15		foto-15.png		Luwak White Coffee merupakan bubuk biji kopi luwak yang dikombinasikan dengan gurihnya krimer serta manisnya gula. Keharuman kopi serta rasa manisnya yang pas juga membuat popularitas Luwak White Coffee melejit.		4	
16	L113	Teh Sosro 2		10000		15000		10		12		.png		NULL			
27	THP001	Teh Pucuk		4000		5000		10		2		pucuk.jpg		Teh pucuk adalah			
28	THP002	Teh Pucuk2		4000		5000		10		2		pucuk.jpg		Teh pucuk adalah			
5	TK01	Teh Kotak		3000		3500		6		10		foto-5.png		NULL			
7	TB01	Teh Botol		2000		2500		53		10		foto-7.jpg		NULL			

3. Tampilkan data kode, nama, tmp_lahir, tgl_lahir dari table pelanggan

Select kode, nama, tmp_lahir, tgl_lahir from pelanggan;

Jawaban:

MariaDB [dbpos_sib6]> SELECT kode, nama, tmp_lahir, tgl_lahir FROM pelanggan;

	kode		nama		tmp_lahir		tgl_lahir	
	C001		Agung Sedayu Group		Solo		2010-01-01	
	C002		Pandan Wangi		Yogyakarta		1950-01-01	
	C003		Sekar Mirah		Kediri		1983-02-20	
	C004		Swandaru Geni		Kediri		1981-01-04	

C005 Pradabashu Pati 1985-04-02
C006 Gayatri Dwi Jakarta 1987-11-28
C007 Dewi Gyat Jakarta 1988-12-01
C008 Andre Haru Surabaya 1990-07-15
C009 Ahmad Hasan Surabaya 1992-10-15
C010 Cassanndra Belfast 1990-11-20
K0010 Andi Wijaya Tangerang 2023-11-07
K0011 Ira Jakarta 2023-11-07

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

4. Tampilkan kode,nama,stok dari table produk yang stok-nya hanya 4

SELECT kode,nama, stok from produk WHERE stok=4;

Jawaban:

MariaDB [dbpos_sib6]> SELECT kode, nama, stok FROM produk WHERE stok = 4;

kode nama stok
TV02 Televisi 40 inch 4
M001 Meja Makan 4

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

5. Tampilkan seluruh data pelanggan yang tempat lahirnya Jakarta

SELECT * from pelanggan WHERE tmp_lahir='jakarta';

Jawaban:

MariaDB [dbpos_sib6]> SELECT * FROM pelanggan WHERE tmp_lahir = 'jakarta';

id kode nama jk tmp_lahir tgl_lahir email kartu_id
6 C006 Gayatri Dwi P Jakarta 1987-11-28 gaya87@gmail.com 1
7 C007 Dewi Gyat P Jakarta 1988-12-01 giyat@gmail.com 1
12 K0011 Ira P Jakarta 2023-11-07 ira@gmail.com 4

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

6. Tampilkan kode, nama, tmp_lahir, tgl_lahir dari pelanggan diurutkan dari yang paling muda usianya

SELECT kode, nama, tmp_lahir, tgl_lahir from pelanggan ORDER BY tgl_lahir DESC;

Jawaban:

MariaDB [dbpos_sib6]> SELECT kode, nama, tmp_lahir, tgl_lahir FROM pelanggan ORDER BY tgl_lahir DESC;

```
+-----+-----+-----+-----+
| kode | nama          | tmp_lahir | tgl_lahir |
+-----+-----+-----+-----+
| K0011 | Ira           | Jakarta  | 2023-11-07 |
| K0010 | Andi Wijaya   | Tangerang | 2023-11-07 |
| C001  | Agung Sedayu Group | Solo     | 2010-01-01 |
| C009  | Ahmad Hasan   | Surabaya | 1992-10-15 |
| C010  | Cassanndra    | Belfast  | 1990-11-20 |
| C008  | Andre Haru    | Surabaya | 1990-07-15 |
| C007  | Dewi Gyat     | Jakarta  | 1988-12-01 |
| C006  | Gayatri Dwi   | Jakarta  | 1987-11-28 |
| C005  | Pradabashu    | Pati     | 1985-04-02 |
| C003  | Sekar Mirah   | Kediri   | 1983-02-20 |
| C004  | Swandaru Geni | Kediri   | 1981-01-04 |
| C002  | Pandan Wangi  | Yogyakarta | 1950-01-01 |
+-----+-----+-----+-----+
```

SOAL 2.2

1. Tampilkan data produk yang stoknya 3 dan 10

SELECT * from produk WHERE stok=3 OR stok=10;

Jawaban:

MariaDB [dbpos_sib6]> SELECT * FROM produk WHERE stok = 3 OR stok = 10;

```
+---+-----+-----+-----+-----+-----+-----+-----+
| id | kode | nama          | harga_beli | harga_jual | stok | min_stok | foto          | deskripsi
| jenis_produk_id |
+---+-----+-----+-----+-----+-----+-----+-----+
```



```

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

```

4. Tampilkan data pelanggan mulai dari yang paling muda

```
SELECT * FROM pelanggan ORDER BY tgl_lahir DESC;
```

Jawaban:

```
MariaDB [dbpos_sib6]> SELECT * FROM pelanggan ORDER BY tgl_lahir DESC;
```

```

+---+-----+-----+-----+-----+-----+-----+-----+
| id | kode | nama          | jk | tmp_lahir | tgl_lahir | email          | kartu_id |
+---+-----+-----+-----+-----+-----+-----+-----+
| 12 | K0011 | Ira           | P  | Jakarta   | 2023-11-07 | ira@gmail.com   | 4 |
| 11 | K0010 | Andi Wijaya   | L  | Tangerang | 2023-11-07 | andi@gmail.com  | 2 |
| 1  | C001  | Agung Sedayu Group | L  | Solo      | 2010-01-01 | sedayu@gmail.com | 1 |
| 9  | C009  | Ahmad Hasan   | L  | Surabaya  | 1992-10-15 | ahasan@gmail.com | 4 |
| 10 | C010  | Cassandra     | P  | Belfast   | 1990-11-20 | casa90@gmail.com | 1 |
| 8  | C008  | Andre Haru    | L  | Surabaya  | 1990-07-15 | andre.haru@gmail.com | 4 |
| 7  | C007  | Dewi Gyat     | P  | Jakarta   | 1988-12-01 | giyat@gmail.com  | 1 |
| 6  | C006  | Gayatri Dwi   | P  | Jakarta   | 1987-11-28 | gaya87@gmail.com | 1 |
| 5  | C005  | Pradabashu    | L  | Pati      | 1985-04-02 | prada85@gmail.com | 2 |
| 3  | C003  | Sekar Mirah   | P  | Kediri    | 1983-02-20 | mirah@yahoo.com  | 1 |
| 4  | C004  | Swandaru Geni | L  | Kediri    | 1981-01-04 | swandaru@yahoo.com | 4 |
| 2  | C002  | Pandan Wangi  | P  | Yogyakarta | 1950-01-01 | wangi@gmail.com  | 2 |
+---+-----+-----+-----+-----+-----+-----+-----+

```

5. Tampilkan data pelanggan yang lahirnya di Jakarta dan gendernya perempuan

```
SELECT * FROM pelanggan WHERE tmp_lahir='jakarta' AND jk='P';
```

Jawaban:

```
MariaDB [dbpos_sib6]> SELECT * FROM pelanggan WHERE tmp_lahir = 'jakarta' AND  
jk = 'P';
```

```

+---+-----+-----+-----+-----+-----+-----+-----+
| id | kode | nama          | jk | tmp_lahir | tgl_lahir | email          | kartu_id |
+---+-----+-----+-----+-----+-----+-----+-----+
| 6  | C006  | Gayatri Dwi   | P  | Jakarta   | 1987-11-28 | gaya87@gmail.com | 1 |

```


7	C007	Dewi Giat	P	Jakarta	1988-12-01	giyat@gmail.com	1
12	K0011	Ira	P	Jakarta	2023-11-07	ira@gmail.com	4

6. Tampilkan data pelanggan yang ID nya 2, 4 dan 6

SELECT * from pelanggan WHERE id IN (2,4,6);

Jawaban:

MariaDB [dbpos_sib6]> SELECT * FROM pelanggan WHERE id IN (2, 4, 6);

id	kode	nama	jk	tmp_lahir	tgl_lahir	email	kartu_id
2	C002	Pandan Wangi	P	Yogyakarta	1950-01-01	wangi@gmail.com	2
4	C004	Swandaru Geni	L	Kediri	1981-01-04	swandaru@yahoo.com	4
6	C006	Gayatri Dwi	P	Jakarta	1987-11-28	gaya87@gmail.com	1

7. Tampilkan data produk yang harganya antara 500 ribu sampai 6 juta

SELECT * FROM produk WHERE harga_jual >= 500000 AND harga_jual <= 6000000;

Jawaban:

MariaDB [dbpos_sib6]> SELECT * FROM produk WHERE harga_jual >= 500000 AND harga_jual <= 6000000;

id	kode	nama	harga_beli	harga_jual	stok	min_stok	foto	deskripsi	jenis_produk_id
3	K001	Kulkas 2 pintu	3500000	4680000	6	2		NULL	1
4	M001	Meja Makan	500000	600000	4	3	NULL	NULL	2
18	L0015	Laptop Asus	3000000	5000000	10	20	foto-65542ffa66604.jpg		1

```
+---+-----+-----+-----+-----+-----+-----+-----+
+-----+
```

Mandiri

SOAL 2.3

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

```
SELECT * FROM produk WHERE kode LIKE 'K%' OR kode LIKE 'M%';
```

Jawaban:

```
MariaDB [dbpos_sib6]> SELECT * FROM produk WHERE kode LIKE 'K%' OR kode  
LIKE 'M%';
```

```
+---+-----+-----+-----+-----+-----+-----+-----+
+
| id | kode | nama          | harga_beli | harga_jual | stok | min_stok | foto | deskripsi |
jenis_produk_id |
+---+-----+-----+-----+-----+-----+-----+-----+
+
| 3 | K001 | Kulkas 2 pintu | 3500000 | 4680000 | 6 | 2 | NULL | 1 |
| 4 | M001 | Meja Makan    | 500000 | 600000 | 4 | 3 | NULL | NULL | 2 |
+---+-----+-----+-----+-----+-----+-----+-----+
+
```

2. Tampilkan produk yang kode awalnya bukan huruf M

Jawaban:

```
MariaDB [dbpos_sib6]> SELECT * FROM produk WHERE kode NOT LIKE 'M%';
```

```
+---+-----+-----+-----+-----+-----+-----+-----+
-----+
-----+
| id | kode | nama          | harga_beli | harga_jual | stok | min_stok | foto | deskripsi |
              | jenis_produk_id |
+---+-----+-----+-----+-----+-----+-----+-----+
-----+
+
| 1 | TV01 | Televisi 21 inchs | 3500000 | 50500000 | 5 | 2 | NULL | 1 |
```

2	TV02	Televisi 40 inch	5500000	7440000	4	2	NULL	NULL
						1		
3	K001	Kulkas 2 pintu	3500000	4680000	6	2		NULL
						1		
5	TK01	Teh Kotak	3000	3500	6	10	foto-5.png	NULL
						4		
6	PC01	PC Desktop HP	7000000	9984000	9	2	NULL	NULL
						5		
7	TB01	Teh Botol	2000	2500	53	10	foto-7.jpg	NULL
						4		
8	AC01	Notebook Acer S	8000000	11232000	7	2	NULL	NULL
						5		
9	LN01	Notebook Lenovo	9000000	12480000	9	2	NULL	
								NULL
						5		
11	L005	Laptop Lenovo	13000000	16000000	5	2		NULL
						1		
15	L112	Kopi	20000	30000	10	15	foto-15.png	Luwak
								White Coffee merupakan bubuk biji kopi luwak yang dikombinasikan dengan gurihnya krimer serta manisnya gula. Keharuman kopi serta rasa manisnya yang pas juga membuat popularitas Luwak White Coffee melejit.
						4		
16	L113	Teh Sosro 2	10000	15000	10	12	.png	NULL
						1		
18	L0015	Laptop Asus	3000000	5000000	10	20	foto-65542ffa66604.jpg	
								NULL
						1		
19	TV0115	Televisi 22 inc`	3500000	50500000	5	2	NULL	NULL
						1		
20	TV0116	Televisi 23 inc	3500000	50500000	5	2	NULL	NULL
						1		
21	TV0117	Televisi 24 inc	3500000	50500000	5	2	NULL	NULL
						1		
22	TV0118	Televisi 25 inc	3500000	50500000	5	2	NULL	NULL
						1		

24	TV0120	Televisi 27 inc	3500000	50500000	5	2	NULL	NULL
						1		
25	TV0121	Televisi 28 inc	3500000	50500000	5	2	NULL	NULL
						1		
26	TV0122	Televisi 29 inc	3500000	50500000	5	2	NULL	NULL
						1		
27	THP001	Teh Pucuk	4000	5000	10	2	pucuk.jpg	Teh pucuk adalah
						4		
28	THP002	Teh Pucuk2	4000	5000	10	2	pucuk.jpg	Teh pucuk adalah
						4		

```

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

```

3. Tampilkan produk-produk televisi

Jawaban:

MariaDB [dbpos_sib6]> SELECT * FROM produk WHERE kode LIKE '%TV%';

```

+---+-----+-----+-----+-----+-----+-----+-----+-----+
-----+
| id | kode | nama          | harga_beli | harga_jual | stok | min_stok | foto | deskripsi |
jenis_produk_id |
+---+-----+-----+-----+-----+-----+-----+-----+-----+
-----+
| 1 | TV01 | Televisi 21 inchs | 3500000 | 50500000 | 5 | 2 | NULL | NULL | 1 |
| 2 | TV02 | Televisi 40 inch | 5500000 | 7440000 | 4 | 2 | NULL | NULL | 1 |
| 19 | TV0115 | Televisi 22 inc` | 3500000 | 50500000 | 5 | 2 | NULL | NULL | 1 |
| 20 | TV0116 | Televisi 23 inc | 3500000 | 50500000 | 5 | 2 | NULL | NULL | 1 |

```

21	TV0117	Televisi 24 inc	3500000	50500000	5	2	NULL	NULL	1
22	TV0118	Televisi 25 inc	3500000	50500000	5	2	NULL	NULL	1
24	TV0120	Televisi 27 inc	3500000	50500000	5	2	NULL	NULL	1
25	TV0121	Televisi 28 inc	3500000	50500000	5	2	NULL	NULL	1
26	TV0122	Televisi 29 inc	3500000	50500000	5	2	NULL	NULL	1

4. Tampilkan pelanggan mengandung huruf 'SA'

Jawaban:

MariaDB [dbpos_sib6]> 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

5. Tampilkan pelanggan yang lahirnya bukan di Jakarta dan mengandung huruf 'yo'

Jawaban:

MariaDB [dbpos_sib6]> SELECT * FROM pelanggan WHERE tmp_lahir NOT LIKE '%jakarta%' AND tmp_lahir LIKE '%yo%';

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

Jawaban:

```
MariaDB [dbpos_sib6]> 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  |
+---+-----+-----+-----+-----+-----+-----+-----+
```

SOAL 2.4

1. Tampilkan 2 data produk termahal

```
SELECT *FROM produk ORDER BY harga_beli DESC LIMIT 2;
```

Jawaban:

```
MariaDB [dbpos_sib6]> SELECT * FROM produk ORDER BY harga_beli DESC LIMIT
2;
```

```
+---+-----+-----+-----+-----+-----+-----+-----+
--+
| id | kode | nama      | harga_beli | harga_jual | stok | min_stok | foto | deskripsi |
jenis_produk_id |
+---+-----+-----+-----+-----+-----+-----+-----+
--+
| 11 | L005 | Laptop Lenovo | 13000000 | 16000000 | 5 | 2 | NULL | 1 |
| 9  | LN01 | Notebook Lenovo | 9000000 | 12480000 | 9 | 2 | NULL | NULL |
5 |
+---+-----+-----+-----+-----+-----+-----+-----+
--+
```

2. Tampilkan produk yang paling murah

Jawaban:

```
MariaDB [dbpos_sib6]> SELECT * FROM produk ORDER BY harga_beli ASC LIMIT 1;
```

```
+---+-----+-----+-----+-----+-----+-----+-----+
--+
```

id	kode	nama	harga_beli	harga_jual	stok	min_stok	foto	deskripsi	jenis_produk_id
7	TB01	Teh Botol	2000	2500	53	10	foto-7.jpg	NULL	4

3. Tampilkan produk yang stoknya paling banyak

Jawaban:

MariaDB [dbpos_sib6]> SELECT * FROM produk ORDER BY stok DESC LIMIT 1;

id	kode	nama	harga_beli	harga_jual	stok	min_stok	foto	deskripsi	jenis_produk_id
7	TB01	Teh Botol	2000	2500	53	10	foto-7.jpg	NULL	4

4. Tampilkan dua produk yang stoknya paling sedikit

Jawaban:

MariaDB [dbpos_sib6]> SELECT * FROM produk ORDER BY stok ASC LIMIT 2;

id	kode	nama	harga_beli	harga_jual	stok	min_stok	foto	deskripsi	jenis_produk_id
2	TV02	Televisi 40 inch	5500000	7440000	4	2	NULL	NULL	1
4	M001	Meja Makan	500000	600000	4	3	NULL	NULL	2

```
+---+-----+-----+-----+-----+-----+-----+-----+-----+
--+
```

5. Tampilkan pelanggan yang paling muda

Jawaban:

```
MariaDB [dbpos_sib6]> SELECT * FROM pelanggan ORDER BY tgl_lahir DESC LIMIT 1;
```

```
+---+-----+-----+-----+-----+-----+-----+-----+
| id | kode | nama | jk | tmp_lahir | tgl_lahir | email | kartu_id |
+---+-----+-----+-----+-----+-----+-----+-----+
| 12 | K0011 | Ira | P | Jakarta | 2023-11-07 | ira@gmail.com | 4 |
+---+-----+-----+-----+-----+-----+-----+-----+
```

6. Tampilkan pelanggan yang paling tua

Jawaban:

```
MariaDB [dbpos_sib6]> 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 |
+---+-----+-----+-----+-----+-----+-----+-----+
```