TUGAS

INSTRUKSI

- 1. Perhatikan soal-soal di bawah!
- 2. Tampilkan data berikut menggunakan JOIN & VIEW!
- 3. Berikan kode program SQL dan screenshot penggunaan kode tersebut!
- 4. Disimpan dan disubmit ke kantong tugas dalam format .docx atau .pdf

SOAL 21.1 - JOIN TABLE

1.

Pesan	an		Pelanggan		Kartu	
id	tanggal	total	kode	nama	nama kartu	diskon

SELECT ps.id, ps.tanggal, ps.total, pl.kode, pl.nama, k.nama as nama_kartu, CONCAT((k.diskon * 100), '%') AS diskon FROM pesanan ps INNER JOIN pelanggan pl ON ps.pelanggan_id = pl.id INNER JOIN kartu k ON pl.kartu_id = k.id ORDER BY id;

S disk -> ->	on > FROM pesana > INNER JOIN > INNER JOIN > ORDER BY id	n ps pelanggan kartu k ON ;	ol ON pe	_		pl.nama,	k.nama	as nama	a_kartu,	CONCAT((k.diskon	* 100),	'%') A
id	tanggal	+ total		+ nama	+ nama_kartu	+ diskon	+ 						
1	2015-11-04	+ 9720000	C001	Agung Sedayu	Gold Utama	+ 5%	+ 						
j 2 j	2015-11-04	17500	C003	Sekar Mirah	Gold Utama	5%	İ						
j 3 j	2015-11-04	j 0	C006	Gayatri Dwi	Gold Utama	5%	İ						
4	2015-11-04	j 0	C007	Dewi Gyat	Gold Utama	5%	İ						
5	2015-11-04	0	C010	Cassanndra	Gold Utama	5%	ĺ						
6	2015-11-04	j 0	C002	Pandan Wangi	Platinum Jaya	10%	ĺ						
7	2015-11-04	0	C005	Pradabashu	Platinum Jaya	10%							
8	2015-11-04	0	C004	Swandaru Geni	Non Member	0%							
9	2015-11-04	0	C008	Andre Haru	Non Member	0%							
10	2015-11-04	0	C009	Ahmad Hasan	Non Member	0%							
10 rov	vs in set (0.	+ 003 sec)	+	+	+	+	F						

2.

Pembe	lian				Produk	Vendor	
id	tanggal	nomor	jumlah	harga	nama	nama	kontak

SELECT pb.id, pb.tanggal, pb.nomor, pb.jumlah, pb.harga, p.nama, v.nama as vendor, v.kontak

FROM pembelian pb

INNER JOIN produk p ON pb.produk_id = p.id

INNER JOIN vendor v ON pb.vendor id = v.id

ORDER BY id;

MariaDB [db_koperasi]> SELECT pb.id, pb.tanggal, pb.nomor, pb.jumlah, pb.harga, p.nama, v.nama as vendor, v.kontak

- labb [do_koperasi]> Select pb.id, pb.tanggal, p
 -> FROM pembelian pb
 -> INNER JOIN produk p ON pb.produk_id = p.id
 -> INNER JOIN vendor v ON pb.vendor_id = v.id
 -> ORDER BY id;

id tanggal		jumlah		nama	vendor	kontak
1 2019-10-10	P001	2	3500000	Televisi 21 inch	PT Pondok C9	Ali Nurdin
2 2019-11-20	P002	5	5500000	Televisi 40 inch		Putri Ramadhani
3 2019-12-12	P003	5	5400000	Televisi 40 inch		Ali Nurdin
4 2020-01-20	P004	200	1800	Teh Botol		Dwi Rahayu
5 2020-01-20	P005	100	2300	Teh Kotak		Dwi Rahayu

5 rows in set (0.002 sec)

3.

Pesan	an		Pelanggan	Produk		Jenis produk	Pesana	an items
id	tanggal	total	nama	kode	nama	nama	qty	harga_jua 1

SELECT ps.id, ps.tanggal, ps.total, pl.nama, p.kode, p.nama as produk, jp.nama as jenis, psi.qty, psi.harga as harga_jual FROM pesanan ps

INNER JOIN pelanggan pl ON ps.pelanggan_id = pl.id

INNER JOIN pesanan_items psi ON psi.pesanan_id = ps.id

INNER JOIN produk p ON psi.produk id = p.id

INNER JOIN jenis_produk jp ON jp.id = p.jenis_produk_id ORDER BY id;

М	ariaD	B [db_kopera	si]> SELEC	Γ ps.id, ps.tang	ggal, ps	s.total, pl.nama, p	.kode, p.nama	as pro	duk, jp.nama	as jenis,	psi.qty	psi.ha	cga
	as ha	rga_jual										·	Ĭ.
	->	FROM pesana	n ps										
	->	INNER JOIN	pelanggan p	ol ON ps.pelango	gan_id =	= pl.id							
	->	INNER JOIN	pesanan_it	ems psi ON psi.	oesanan_	_id = ps.id							
	->	INNER JOIN	produk p Oi	N psi.produk_id	= p.id								
			J - 1 - 1	uk jp ON jp.id =	= p.jeni	is_produk_id							
	->	ORDER BY id	;										
+	+		+		+			+	+	+			
!	1d	tanggal	total	nama	kode	produk	jenis	qty	harga_jual	!			
Ť	1	2015-11-04	 9720000	Agung Sedayu	TV01	Televisi 21 inch	elektronik	 1	5040000	† I			
i	1 i	2015-11-04	9720000	Agung Sedayu	K001	Kulkas 2 pintu	elektronik	i 1	4680000	i			
i	2 j	2015-11-04	17500	Sekar Mirah	TK01	Teh Kotak	minuman	j 5	3500	i			
Ĺ	3	2015-11-04	j 0	Gayatri Dwi	TK01	Teh Kotak	minuman	10	3500	İ			
Ĺ	3	2015-11-04	j 0	Gayatri Dwi	TV01	Televisi 21 inch	elektronik	1	5040000	İ			
- 1	5	2015-11-04	0	Cassanndra	TK01	Teh Kotak	minuman	10	3500				
- 1	6	2015-11-04	0	Pandan Wangi	TK01	Teh Kotak	minuman	20	3500				
+	+		+	+	+		+	+	+	+			
7	rows	in set (0.0	02 sec)										

SOAL 21.2 - VIEW

1.

Pesana	n		Pelanggan		Kartu	
id	tanggal	total	kode	nama	nama kartu	diskon

CREATE OR REPLACE VIEW vw_pesanan AS SELECT ps.id, ps.tanggal, ps.total, pl.kode, pl.nama, k.nama as nama_kartu, CONCAT((k.diskon * 100), '%') AS diskon FROM pesanan ps INNER JOIN pelanggan pl ON ps.pelanggan_id = pl.id INNER JOIN kartu k ON pl.kartu_id = k.id ORDER BY ps.id;

```
MariaDB [db_koperasi]> CREATE OR REPLACE VIEW vw_pesanan AS
     -> SELECT ps.id, ps.tanggal, ps.total, pl.kode, pl.nama, k.nama as nama_kartu, CONCAT((k.diskon * 100), '%') AS diskon -> FROM pesanan ps
     -> INNER JOIN pelanggan pl ON ps.pelanggan_id = pl.id
-> INNER JOIN kartu k ON pl.kartu_id = k.id
-> ORDER BY ps.id;
Query OK, 0 rows affected (0.008 sec)
[MariaDB [db_koperasi]> select * from vw_pesanan;
  id | tanggal | total | kode | nama
                                                                 | nama_kartu
                                                                                      | diskon
        2015-11-04 | 9720000 | C001 |
2015-11-04 | 17500 | C003 |
                                              Agung Sedayu
Sekar Mirah
                                                                   Gold Utama
Gold Utama
         2015-11-04
                                      C006
C007
                                              Gayatri Dwi
Dewi Gyat
                                                                   Gold Utama
Gold Utama
                                                                                        5%
5%
         2015-11-04
                                                                                        5%
        2015-11-04
                                      C010
                                              Cassanndra
                                                                   Gold Utama
                                               Pandan Wangi
                                                                   Platinum Jaya
                                                                                        10%
        2015-11-04 i
                                      C005
                                              Pradabashu
                                                                   Platinum Jaya
                                                                                        10%
0%
                                   | C004
| C008
        2015-11-04 |
2015-11-04 |
                                              Swandaru Geni
Andre Haru
                                                                   Non Member
                                                                                        0%
10 rows in set (0.002 sec)
```

2.

Pembe	elian				Produk	Vendor	
id	tanggal	nomor	jumlah	harga	nama	nama	kontak

CREATE OR REPLACE VIEW vw_pembelian AS

SELECT pb.id, pb.tanggal, pb.nomor, pb.jumlah, pb.harga, p.nama as produk, v.nama as vendor, v.kontak

FROM pembelian pb

INNER JOIN produk p ON pb.produk id = p.id

INNER JOIN vendor v ON pb.vendor_id = v.id

ORDER BY id;

	JEK D I	14,						
-: -: -: -: -: Query		d, pb.tamian pb produk p vendor v ; ffected	ON pb.pro ON pb.ver (0.011 sec	nomor, pb oduk_id = p odor_id = v	p.id v.id	p.nama as produk, v.nam	a as vendor, v.kon [.]	tak
	tanggal	•			•	+ vendor	+ kontak	+
		P002	+	 3500000 5500000 540000	+ Televisi 21 inch Televisi 40 inch Televisi 40 inch	PT Pondok C9	+ Ali Nurdin Putri Ramadhani Ali Nurdin	•
4		P004	200 100	1800 2300	Teh Botol Teh Kotak	CV Jaya Raya Semesta CV Jaya Raya Semesta	Dwi Rahayu	
5 rows	in set (0.0	03 sec)	T			·	T	T

3.

Pesan	an		Pelanggan	Produk		Jenis produk	Pesan	an items
id	tanggal	total	nama	kode	nama	nama	qty	harga_jual

CREATE OR REPLACE VIEW vw pesanan AS

SELECT ps.id, ps.tanggal, ps.total, pl.nama, p.kode, p.nama as nama_produk, jp.nama as jenis, psi.qty, psi.harga as harga_jual

FROM pesanan ps

INNER JOIN pelanggan pl ON ps.pelanggan id = pl.id

INNER JOIN pesanan items psi ON psi.pesanan id = ps.id

INNER JOIN produk p ON psi.produk id = p.id

INNER JOIN jenis_produk jp ON jp.id = p.jenis_produk_id ORDER BY id;

```
MariaDB [db_koperasi]> CREATE OR REPLACE VIEW vw_pesanan AS

-> SELECT ps.id, ps.tanggal, ps.total, pl.nama, p.kode, p.nama as nama_produk, jp.nama as jenis, psi.qty, psi.harga as harga_j
ual

-> FROM pesanan ps

-> INNER JOIN pelanggan pl ON ps.pelanggan_id = pl.id

-> INNER JOIN pesanan_items psi ON psi.pesanan_id = ps.id

-> INNER JOIN produk p ON psi.produk_id = p.id

-> INNER JOIN jenis_produk jp ON jp.id = p.jenis_produk_id

-> ORDER BY id;

Query OK, 0 rows affected (0.008 sec)
```

id tanggal	1 2015-11-04 9720000 Agung Sedayu TV01 Televisi 21 inch elektronik 1 5040000 1 2015-11-04 9720000 Agung Sedayu K001 Kulkas 2 pintu elektronik 1 4680000 2 2015-11-04 17500 Sekar Mirah TK01 Teh Kotak minuman 5 3500 3 2015-11-04 0 Gayatri Dwi TK01 Teh Kotak minuman 10 3500 3 2015-11-04 0 Gayatri Dwi TV01 Televisi 21 inch elektronik 1 5040000 5 2015-11-04 0 Cassanndra TK01 Teh Kotak minuman 10 3500	MariaD	B [db_koperas	si]> select	t * from vw_pes	anan;				
1 2015-11-04 9720000 Agung Sedayu K001 Kulkas 2 pintu elektronik 1 4680000 2 2015-11-04 17500 Sekar Mirah TK01 Teh Kotak minuman 5 3500 3 2015-11-04 0 Gayatri Dwi TK01 Teh Kotak minuman 10 3500 3 2015-11-04 0 Gayatri Dwi TV01 Televisi 21 inch elektronik 1 5040000 5 2015-11-04 0 Cassanndra TK01 Teh Kotak minuman 10 3500	1 2015-11-04 9720000 Agung Sedayu K001 Kulkas 2 pintu elektronik 1 4680000 2 2015-11-04 17500 Sekar Mirah TK01 Teh Kotak minuman 5 3500 3 2015-11-04 0 Gayatri Dwi TK01 Teh Kotak minuman 10 3500 3 2015-11-04 0 Gayatri Dwi TV01 Televisi 21 inch elektronik 1 5040000 5 2015-11-04 0 Cassanndra TK01 Teh Kotak minuman 10 3500	id	tanggal	total	nama	kode	nama_produk	jenis	qty	harga_jual
2 2015-11-04 17500 Sekar Mirah TK01 Teh Kotak minuman 5 3500 3 2015-11-04 0 Gayatri Dwi TK01 Teh Kotak minuman 10 3500 3 2015-11-04 0 Gayatri Dwi TV01 Televisi 21 inch elektronik 1 5040000 5 2015-11-04 0 Cassanndra TK01 Teh Kotak minuman 10 3500	2 2015-11-04 17500 Sekar Mirah TK01 Teh Kotak minuman 5 3500 3 2015-11-04 0 Gayatri Dwi TK01 Teh Kotak minuman 10 3500 3 2015-11-04 0 Gayatri Dwi TV01 Televisi 21 inch elektronik 1 5040000 5 2015-11-04 0 Cassanndra TK01 Teh Kotak minuman 10 3500	1	2015-11-04	9720000	Agung Sedayu	TV01	Televisi 21 inch	elektronik	1	5040000
3 2015-11-04 0 Gayatri Dwi TK01 Teh Kotak minuman 10 3500 3 2015-11-04 0 Gayatri Dwi TV01 Televisi 21 inch elektronik 1 5040000 5 2015-11-04 0 Cassanndra TK01 Teh Kotak minuman 10 3500	3 2015-11-04 0 Gayatri Dwi TK01 Teh Kotak minuman 10 3500 3 2015-11-04 0 Gayatri Dwi TV01 Televisi 21 inch elektronik 1 5040000 5 2015-11-04 0 Cassanndra TK01 Teh Kotak minuman 10 3500	j 1 j	2015-11-04	9720000	Agung Sedayu	K001	Kulkas 2 pintu	elektronik	1	4680000
3 2015-11-04 0 Gayatri Dwi TV01 Televisi 21 inch elektronik 1 5040000 5 2015-11-04 0 Cassanndra TK01 Teh Kotak minuman 10 3500	3 2015-11-04 0 Gayatri Dwi TV01 Televisi 21 inch elektronik 1 5040000 5 2015-11-04 0 Cassanndra TK01 Teh Kotak minuman 10 3500	j 2 j	2015-11-04	17500	Sekar Mirah	TK01	Teh Kotak	minuman	5	3500
5 2015-11-04 0 Cassanndra TK01 Teh Kotak minuman 10 3500	5 2015-11-04 0 Cassanndra TK01 Teh Kotak minuman 10 3500	3	2015-11-04	0	Gayatri Dwi	TK01	Teh Kotak	minuman	10	3500
-	-	j 3 j	2015-11-04	0	Gayatri Dwi	TV01	Televisi 21 inch	elektronik	1	5040000
6 2015-11-04	6 2015-11-04 0 Pandan Wangi TK01 Teh Kotak minuman 20 3500	5	2015-11-04	0	Cassanndra	TK01	Teh Kotak	minuman	10	3500
		6	2015-11-04	0	Pandan Wangi	TK01	Teh Kotak	minuman	20	3500