LAPORAN HASIL PRAKTIKUM BASIS DATA I



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MODUL : III (RETRIEVE DATA)

JURUSAN TEKNIK INFORMATIKA FAKULTAS TEKNIK UNIVERSITAS PALANGKA RAYA

2023

1. Tampilkan data pada seluruh tabel yang anda buat.

```
MariaDB [db_bioskop]> select * from tb_pegawai;
                                                         tgl_lahir
  id_pegawai
               nama
                        no_telp
                                        alamat_pegawai
                                                                       no_jabatan
  PG01
               Niko
                        081350468721
                                        Jalan_Jalak
                                                          2001-03-22
                                                                        05
  PG02
               Pariz
                        081356748935
                                                          2002-05-27
                                                                        07
                                        Jalan_Tingang
                                                          2002-03-21
                        081378742024
  PG03
               Hapiz
                                        Jalan_Pantung
                                                                       02
3 rows in set (0.000 sec)
```

Gambar tabel tb_pegawai

Gambar tabel tb_studio

```
MariaDB [db_bioskop]> select * from tb_penonton;
                                                                      tgl_lahir
  id_penonton
                  nama
                              no_telp
                                               alamat
                              081250443768
                                                Jalan_RTA_Milono
                                                                      2004-07-12
  P01
                  Kousi
                                               Jalan_Seth_Adji
Jalan_Garuda
                                                                      2004-04-06
                              081250563865
  P<sub>0</sub>2
                  Hari
                                                                      2004-05-16
  P03
                  Hambali
                              081250738943
                              081250443671
                                                                      2003-01-02
  P<sub>0</sub>4
                  Mikel
                                                Jalan_Badak
                              081250443672
                                                Jalan_Rajawali
                                                                      2004-02-04
  P05
                  Mikel
                                               Jalan_Antang
Jalan_Tingang
  P06
                  Mikel
                              081250443673
                                                                      2004-07-20
  P07
                  Mikel
                              081250443674
                                                                      2004-03-25
  P08
                  Mikel
                              081250443675
                                                Jalan_Gurame
                                                                      2002-04-21
                                               Jalan_Gurita
Jalan_Kutilang
                              081250443676
                                                                      2001-05-09
  P09
                  Mikel
  P10
                  Mikel
                              081250443677
                                                                      2003-08-12
10 rows in set (0.000 sec)
```

Gambar tabel tb_penonton

```
MariaDB [db_bioskop]> select * from tb_film;
 id_film
            judul
                                                  tgl_rilis
                            durasi
                                      genre
  F01
            Interstellar
                                      SciFi
                                                  2014-11-06
                               2.49
  F02
            Dunkirk
                                                  2017-07-20
                               1.46
                                      War
                               2.15
  F03
            Ιt
                                      Horror
                                                  2017-09-08
  F04
            Saw
                               1.12
                                      Thriller
                                                  2004-10-01
 rows in set (0.000 sec)
```

Gambar tabel tb_film

id_tiket	id_film	id_studio	tgl_tayang	jam_tayang	harga_tiket	nomor_kursi
TK01	 F01	STD01	2023-10-15	15:00:00	40000	B1
TK02	F01	STD01	2023-10-15	15:00:00	40000	B2
TK03	F01	STD01	2023-10-15	15:00:00	40000	B3
TK04	F01	STD01	2023-10-15	15:00:00	40000	B4
TK05	F02	STD02	2023-10-15	15:00:00	40000	C1
TK06	F02	STD02	2023-10-15	15:00:00	40000	C2
TK07	F02	STD02	2023-10-15	15:00:00	40000	C3
TK08	F02	STD02	2023-10-15	15:00:00	40000	C4
TK09	F03	STD03	2023-10-15	15:00:00	40000	D1
TK10	F03	STD03	2023-10-15	15:00:00	40000	D2
TK11	F03	STD03	2023-10-15	15:00:00	40000	D3
TK12	F03	STD03	2023-10-15	15:00:00	40000	D4
TK13	F04	STD03	2023-10-15	15:00:00	40000	E1
TK14	F04	STD03	2023-10-15	15:00:00	40000	E2
TK15	F04	STD03	2023-10-15	15:00:00	40000	E3
TK16	F04	STD03	2023-10-15	15:00:00	40000	E4

Gambar tabel tb_tiket

id_pembelian	id_penonton	id_pegawai	total_tiket	total_harga	tgl_pembelian
PMB01	P01	PG01	1	40000	 2023-10-15
PMB02	P02	PG01	4	160000	2023-10-15
PMB03	P03	PG02	2	80000	2023-10-15
PMB04	P04	PG02	1	40000	2023-10-15
PMB05	P05	PG03	1	40000	2023-10-15
PMB06	P06	PG03	2	80000	2023-10-15
PMB07	P07	PG01	1	40000	2023-10-15
PMB08	P08	PG01	1	40000	2023-10-15
PMB09	P09	PG02	1	40000	2023-10-15
PMB10	P10	PG02	2	80000	2023-10-15

Gambar tabel tb_pembelian

Gambar tabel tb_detail_pembelian

2. Tambahkan data **tb_penonton** menjadi 10 data, input data-data tb_penonton dengan **nama** sama, tapi berbeda **alamat.**

+	nama	 no_telp 	 alamat 	+ tgl_lahir
P01 P02 P03 P04 P05 P06 P07 P08 P09 P10	Kousi Hari Hambali Mikel Mikel Mikel Mikel Mikel	081250443768 081250563865 081250738943 081250443671 081250443672 081250443674 081250443675 081250443676	Jalan_RTA_Milono Jalan_Seth_Adji Jalan_Garuda Jalan_Badak Jalan_Rajawali Jalan_Antang Jalan_Tingang Jalan_Gurame Jalan_Gurita Jalan_Kutilang	2004-07-12 2004-04-06 2004-05-16 2003-01-02 2004-02-04 2004-07-20 2004-03-25 2002-04-21 2001-05-09 2003-08-12
+		+	+	

```
tgl_lahir
       id_penonton |
                                                   nama
                                                                                  no_telp
                                                                                                                                  alamat
                                                                                                                                   Jalan_RTA_Milono
Jalan_Seth_Adji
        P01
                                                    Kousi
                                                                                    081250443768
                                                                                                                                                                                               2004-07-12
                                                                                                                                                                                               2004-04-06
        P<sub>0</sub>2
                                                    Hari
                                                                                    081250563865
                                                                                                                                   Jalan_Garuda
       P03
                                                    Hambali
                                                                                   081250738943
                                                                                                                                                                                               2004-05-16
 3 rows in set (0.000 sec)
MariaDB [db_bioskop]> insert into tb_penonton values
    -> ('P04','Mikel','081250443671','Jalan_Badak','2003-01-02'),
    -> ('P05','Mikel','081250443672','Jalan_Rajawali','2004-02-04'),
    -> ('P06','Mikel','081250443673','Jalan_Antang','2004-07-20'),
    -> ('P07','Mikel','081250443674','Jalan_Tingang','2004-03-25'),
    -> ('P08','Mikel','081250443675','Jalan_Gurameg','2002-04-21'),
    -> ('P09','Mikel','081250443676','Jalan_Gurita','2001-05-09'),
    -> ('P10','Mikel','081250443677','Jalan_Kutilang','2003-08-12');
Query OK, 7 rows affected (0.014 sec)
Records: 7 Duplicates: 0 Warnings: 0
```

3. tambahkan tb_film menjadi 4 film!

```
id_film
             judul
                              durasi
                                        genre
                                                  tgl_rilis
  F<sub>0</sub>1
             Interstellar
                                2.49
                                        SciFi
                                                  2014-11-06
                                1.46
  F02
             Dunkirk
                                                  2017-07-20
                                        War
  F03
                                                  2017-09-08
             Ιt
                                2.15
                                        Horror
3 rows in set (0.000 sec)
MariaDB [db_bioskop]> insert into tb_film values
    -> ('F04', 'Saw', '1.12', 'Thriller', '2004-10-01');
Query OK, 1 row affected (0.013 sec)
MariaDB [db_bioskop]> select * from tb_film;
  id_film
             judul
                              durasi
                                        genre
                                                    tgl_rilis
                                2.49
  F01
             Interstellar
                                        SciFi
                                                    2014-11-06
                                1.46
  F02
             Dunkirk
                                        War
                                                    2017-07-20
  F03
             Ιt
                                2.15
                                                    2017-09-08
                                        Horror
                                                    2004-10-01
  F<sub>0</sub>4
             Saw
                                1.12
                                        Thriller
```

4. Tambahkan data tb_tiket menjadi 16 tiket, input data-data tb_tiket dengan tgl_tayang dan jam_tayang yang sama, tetapi id_film yang berbeda tiap 4 tiket

```
MariaDB [db_bioskop]> insert into tb_tiket values
         'TK01','F01','STD01',
'TK02','F01','STD01',
                                 '2023-10-15','15:00:00','40000',
                                                                       'B1'),
    -> ('TK02',
                                 '2023-10-15','15:00:00',
                                                                       'B2'),
                                                              '40000'
    -> ('TK03','F01','STD01','2023-10-15','15:00:00','40000','B3'),
                                                                       'B4'),
    -> ('TK04','F01','STD01','2023-10-15','15:00:00','40000',
                        'STD02',
     -> ('TK05','F02'
                                  '2023-10-15','15:00:00'
                                                              '40000'
                                                                       'C1')
       ('TK06',
                        'STD02'
                                  '2023-10-15',
                                                 15:00:00
                 'F02'
                                                              '40000'
                                                                       'C2'
        ('TK07'
                 'F02'
                        'STD02'
                                  '2023-10-15'
                                                 '15:00:00'
                                                              '40000'
                                                                       'C3')
                                                 15:00:00
          'TK08'
                 'F02'
                        'STD02'
                                  '2023-10-15'
                                                              '40000'
                                                                       'C4'
        ('TK09'
                 'F03'
                        'STD03'
                                  '2023-10-15'
                                                 '15:00:00'
                                                              '40000'
                                                                       'D1')
    -> ('TK10',
                                  '2023-10-15',
                 'F03','STD03'
                                                 '15:00:00'
                                                              '40000'
                                                                       'D2')
    -> ('TK11',
                 'F03',
                        'STD03',
                                  '2023-10-15','15:00:00',
                                                              '40000'
                                                                       'D3')
       ('TK12',
                 'F03',
                        'STD03',
                                  '2023-10-15','15:00:00',
                                                                       'D4')
                                                              '40000'
     -> ('TK13',
                 'F04',
                        'STD03',
                                  '2023-10-15','15:00:00',
                                                              '40000'
                                                                       'E1'
                 'F04',
    -> ('TK14',
                                 '2023-10-15',
                                                 '15:00:00',
                        'STD03'
                                                             '40000'
                                                                       'E2'
       ('TK15',
                                ,'2023-10-15','15:00:00','40000','E3'),
,'2023-10-15','15:00:00','40000','E4');
                 'F04'
                        'STD03'
    -> ('TK15','F04','STD03',
-> ('TK16','F04','STD03',
Query OK, 16 rows affected (0.018 sec)
Records: 16 Duplicates: 0 Warnings: 0
```

MariaDB [db_	_bioskop]> +	select * fro	om tb_tiket;	·	!	·
id_tiket	id_film	id_studio	tgl_tayang	jam_tayang	harga_tiket	nomor_kursi
TK01	F01	STD01	2023-10-15	15:00:00	40000	B1
TK02	F01	STD01	2023-10-15	15:00:00	40000	B2
TK03	F01	STD01	2023-10-15	15:00:00	40000	B3
TK04	F01	STD01	2023-10-15	15:00:00	40000	B4
TK05	F02	STD02	2023-10-15	15:00:00	40000	C1
TK06	F02	STD02	2023-10-15	15:00:00	40000	C2
TK07	F02	STD02	2023-10-15	15:00:00	40000	C3
TK08	F02	STD02	2023-10-15	15:00:00	40000	C4
TK09	F03	STD03	2023-10-15	15:00:00	40000	D1
TK10	F03	STD03	2023-10-15	15:00:00	40000	D2
TK11	F03	STD03	2023-10-15	15:00:00	40000	D3
TK12	F03	STD03	2023-10-15	15:00:00	40000	D4
TK13	F04	STD03	2023-10-15	15:00:00	40000	E1
TK14	F04	STD03	2023-10-15	15:00:00	40000	E2
TK15	F04	STD03	2023-10-15	15:00:00	40000	E3
TK16	F04	STD03	2023-10-15	15:00:00	40000	E4
+	+	+	·	·	+	·
16 rows in s	16 rows in set (0.000 sec)					

 Tambahkan data tb_pembelian menjadi 10 data, pastikan data tb_detail_pembelian sesuai (tiket terjual habis).

```
MariaDB [db_bioskop]> insert into tb_pembelian values
-> ('PMB01','P01','PG01','1','40000','2023-10-15'),
-> ('PMB02','P02','PG01','4','160000','2023-10-15'),
-> ('PMB03','P03','PG02','2','80000','2023-10-15'),
-> ('PMB04','P04','PG02','1','40000','2023-10-15'),
-> ('PMB05','P05','PG03','1','40000','2023-10-15'),
-> ('PMB06','P06','PG03','2','80000','2023-10-15'),
-> ('PMB07','P07','PG01','1','40000','2023-10-15'),
-> ('PMB08','P08','PG01','1','40000','2023-10-15'),
-> ('PMB09','P09','PG02','1','40000','2023-10-15'),
-> ('PMB10','P10','PG02','2','80000','2023-10-15');
Query OK, 10 rows affected (0.015 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

```
MariaDB [db_bioskop]> select * from tb_pembelian;
 id_pembelian |
                                                 total_tiket
                   id_penonton | id_pegawai
                                                                 total_harga
                                                                                 tgl_pembelian
 PMB01
                   P01
                                   PG01
                                                                        40000
                                                                                 2023-10-15
 PMB02
                   P02
                                   PG01
                                                                       160000
                                                                                 2023-10-15
 PMB03
                   P03
                                   PG02
                                                                        80000
                                                                                 2023-10-15
                                                             2
1
2
1
                                                                                 2023-10-15
2023-10-15
                   P04
                                  PG02
 PMB04
                                                                        40000
                   P05
 PMB05
                                  PG03
                                                                        40000
                                                                                 2023-10-15
 PMB06
                   P06
                                   PG03
                                                                        80000
 PMB07
                   P07
                                   PG01
                                                                        40000
                                                                                 2023-10-15
 PMB08
                   P08
                                                             1
                                                                                 2023-10-15
                                   PG01
                                                                        40000
                                                             1
                                                                                 2023-10-15
 PMB09
                   P09
                                   PG<sub>02</sub>
                                                                        40000
                                                                                 2023-10-15
 PMB10
                   P10
                                                             2
                                  PG02
                                                                        80000
10 rows in set (0.000 sec)
```

Gambar tabel tb_pembelian setelah diInput.

```
MariaDB [db_bioskop]> insert into tb_detail_pembelian values
    -> ('DPMB01','PMB01','TK01','40000'),
                                  '40000'),
    -> ('DPMB02'
                  'PMB02'
                           'TK02'
                                   '40000'),
                  'PMB02'
        'DPMB03'
                           'TK03'
       ('DPMB04',
                                   '40000')
                  'PMB02'
                           'TK04'
                           'TK05'
       ('DPMB05'
                  'PMB02'
                                   '40000')
                                   '40000'),
         'DPMB06'
                           'TK07'
                  'PMB03'
       ('DPMB07'
                  'PMB03'
                           'TK08'
                                   '40000')
    ->
       ('DPMB08',
                  'PMB04',
                           'TK06'
                                   '40000')
       ('DPMB09'
                  'PMB05'
                           'TK09'
                                   '40000'
        'DPMB10',
                  'PMB06'
                           'TK10'
                                   '40000')
       ('DPMB11',
                                   '40000'),
                  'PMB06'
                           'TK11'
    -> ('DPMB12'
                  'PMB07'
                           'TK12'
                                   '40000')
                                   '40000'),
         'DPMB13'
                  'PMB08'
                           'TK13'
    ->
       ('DPMB14','PMB09',
                                   '40000'),
                           'TK14'
    -> ('DPMB15','PMB10','TK15','40000'),
    -> ('DPMB16','PMB10','TK16'
                                  '40000');
Query OK, 16 rows affected (0.020 sec)
Records: 16 Duplicates: 0 Warnings: 0
```

MariaDB [db_bioskop]> :	select * from th	_detail_per	nbelian;		
id_detail_pembelian		id_tiket	harga_tiket		
DPMB01	PMB01	TK01	40000		
DPMB02	PMB02	TK02	40000		
DPMB03	PMB02	TK03	40000		
DPMB04	PMB02	TK04	40000		
DPMB05	PMB02	TK05	40000		
DPMB06	PMB03	TK07	40000		
DPMB07	PMB03	TK08	40000		
DPMB08	PMB04	TK06	40000		
DPMB09	PMB05	TK09	40000		
DPMB10	PMB06	TK10	40000		
DPMB11	PMB06	TK11	40000		
DPMB12	PMB07	TK12	40000		
DPMB13	PMB08	TK13	40000		
DPMB14	PMB09	TK14	40000		
DPMB15	PMB10	TK15	40000		
DPMB16	PMB10	TK16	40000		
++ 16 rows in set (0.000 sec)					

Gambar tabel tb_detail_pembelian setalah diInput

6. Tampilkan data ${f tb_penonton}$ berdasarkan ${f nama}$ tanpa terduplikasi.

7. Tampilkan data **tb_tiket** berdasarkan data **judul** ketiga di tb_film.

```
MariaDB [db_bioskop]> select * from tb_tiket where id_film=(select id_film from tb_film where judul='It');
 id_tiket | id_film | id_studio | tgl_tayang | jam_tayang | harga_tiket |
                                                                               nomor_kursi
             F03
 TK09
                        STD03
                                     2023-10-15
                                                  15:00:00
                                                                       40000
                                                                               D2
D3
D4
                       STD03
STD03
                                     2023-10-15
 TK10
             F03
                                                  15:00:00
                                                                       40000
             F03
                                     2023-10-15
                                                  15:00:00
                                                                       40000
 TK11
 TK12
             F03
                        STD03
                                     2023-10-15
                                                  15:00:00
                                                                       40000
 rows in set (0.000 sec)
```

8. Tampilkan data tb_detail_pembelian yang mencatat pembelian tiket oleh oleh penonton dengan **id_pembelian** pertama.

9. Tampilkan data **tb_penonton** mulai dari **nama** dengan urutan huruf paling awal secara alfabet.

```
MariaDB [db_bioskop] > select * from tb_penonton order by nama;
                                                              tgl_lahir
 id_penonton
                nama
                           no_telp
                                          alamat
 P03
                Hambali
                           081250738943
                                          Jalan_Garuda
                                                               2004-05-16
  P02
                Hari
                           081250563865
                                          Jalan_Seth_Adji
                                                               2004-04-06
                           081250443768
                                          Jalan_RTA_Milono
  P01
                                                               2004-07-12
                Kousi
  P09
                Mikel
                           081250443676
                                          Jalan_Gurita
                                                               2001-05-09
                                          Jalan_Gurame
                Mikel
                                                               2002-04-21
  P08
                           081250443675
                           081250443674
                                          Jalan_Tingang
                                                               2004-03-25
  P07
                Mikel
  P06
                Mikel
                           081250443673
                                          Jalan_Antang
                                                               2004-07-20
  P05
                Mikel
                           081250443672
                                          Jalan_Rajawali
                                                               2004-02-04
  P04
                Mikel
                           081250443671
                                          Jalan_Badak
                                                               2003-01-02
                           081250443677
  P10
                                          Jalan_Kutilang
                                                               2003-08-12
                Mikel
10 rows in set (0.000 sec)
```

10. Tampilkan data **tb_film** mulai dari **judul** dengan urutan huruf paling akhir secara alfabet.

MariaDB [db_bioskop]> select * from tb_film order by judul desc;					
id_film	judul	durasi	genre	tgl_rilis	
F01	Saw It Interstellar Dunkirk	2.15	Horror SciFi	2004-10-01 2017-09-08 2014-11-06 2017-07-20	
4 rows in set (0.000 sec)					