

# **LAPORAN HASIL PRAKTIKUM**

## **BASIS DATA I**



**NAMA : ONE DHYLAN BARLETYANO**  
**NIM : 223030503218**  
**KELAS : G**  
**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;
+-----+-----+-----+-----+-----+-----+
| id_pegawai | nama   | no_telp      | alamat_pegawai | tgl_lahir  | no_jabatan |
+-----+-----+-----+-----+-----+-----+
| PG01       | Niko   | 081350468721 | Jalan_Jalak    | 2001-03-22 | 05         |
| PG02       | Pariz  | 081356748935 | Jalan_Tingang  | 2002-05-27 | 07         |
| PG03       | Hapiz  | 081378742024 | Jalan_Pantung  | 2002-03-21 | 02         |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.000 sec)
```

Gambar tabel tb\_pegawai

```
MariaDB [db_bioskop]> select * from tb_studio;
+-----+-----+-----+
| id_studio | nomor_studio | total_kursi |
+-----+-----+-----+
| STD01     | 1             | 60          |
| STD02     | 2             | 60          |
| STD03     | 3             | 40          |
+-----+-----+-----+
3 rows in set (0.000 sec)
```

Gambar tabel tb\_studio

```
MariaDB [db_bioskop]> select * from tb_penonton;
+-----+-----+-----+-----+-----+
| id_penonton | nama   | no_telp      | alamat          | tgl_lahir  |
+-----+-----+-----+-----+-----+
| P01         | Kousi  | 081250443768 | Jalan_RTA_Milono | 2004-07-12 |
| P02         | Hari   | 081250563865 | Jalan_Seth_Adji  | 2004-04-06 |
| P03         | Hambali | 081250738943 | Jalan_Garuda     | 2004-05-16 |
| 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_Gurame     | 2002-04-21 |
| P09         | Mikel  | 081250443676 | Jalan_Gurita     | 2001-05-09 |
| P10         | Mikel  | 081250443677 | Jalan_Kutilang   | 2003-08-12 |
+-----+-----+-----+-----+-----+
10 rows in set (0.000 sec)
```

Gambar tabel tb\_penonton

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

Gambar tabel tb\_film

```
MariaDB [db_bioskop]> select * from 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 set (0.000 sec)

Gambar tabel tb\_tiket

```
MariaDB [db_bioskop]> select * from tb_pembelian;
```

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

10 rows in set (0.000 sec)

Gambar tabel tb\_pembelian

```
MariaDB [db_bioskop]> select * from tb_detail_pembelian;
```

id_detail_pembelian	id_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

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

id_penonton	nama	no_telp	alamat	tgl_lahir
P01	Kousi	081250443768	Jalan_RTA_Milono	2004-07-12
P02	Hari	081250563865	Jalan_Seth_Adji	2004-04-06
P03	Hambali	081250738943	Jalan_Garuda	2004-05-16
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_Gurame	2002-04-21
P09	Mikel	081250443676	Jalan_Gurita	2001-05-09
P10	Mikel	081250443677	Jalan_Kutilang	2003-08-12

id_penonton	nama	no_telp	alamat	tgl_lahir
P01	Kousi	081250443768	Jalan_RTA_Milono	2004-07-12
P02	Hari	081250563865	Jalan_Seth_Adji	2004-04-06
P03	Hambali	081250738943	Jalan_Garuda	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 |
+-----+-----+-----+-----+
| F01     | Interstellar | 2.49   | SciFi  | 2014-11-06 |
| F02     | Dunkirk     | 1.46   | War    | 2017-07-20 |
| F03     | It          | 2.15   | Horror | 2017-09-08 |
+-----+-----+-----+-----+
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 |
+-----+-----+-----+-----+
| F01     | Interstellar | 2.49   | SciFi  | 2014-11-06 |
| F02     | Dunkirk     | 1.46   | War    | 2017-07-20 |
| F03     | It          | 2.15   | Horror | 2017-09-08 |
| F04     | Saw        | 1.12   | Thriller | 2004-10-01 |
+-----+-----+-----+-----+
```

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','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');
Query OK, 16 rows affected (0.018 sec)
Records: 16 Duplicates: 0 Warnings: 0
```

```
MariaDB [db_bioskop]> select * from 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 set (0.000 sec)
```

5. 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 | 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    |
+-----+-----+-----+-----+-----+-----+
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'),
-> ('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');
Query OK, 16 rows affected (0.020 sec)
Records: 16  Duplicates: 0  Warnings: 0

```

```

MariaDB [db_bioskop]> select * from tb_detail_pembelian;
+-----+-----+-----+-----+
| id_detail_pembelian | id_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 setelah diInput

6. Tampilkan data **tb\_penonton** berdasarkan **nama** tanpa terduplikasi.

```

MariaDB [db_bioskop]> select distinct nama from tb_penonton;
+-----+
| nama |
+-----+
| Kousi |
| Hari |
| Hambali |
| Mikel |
+-----+
4 rows in set (0.000 sec)

```



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 |
+-----+-----+-----+-----+-----+-----+-----+
| 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           |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.000 sec)
```

8. Tampilkan data **tb\_detail\_pembelian** yang mencatat pembelian tiket oleh  
oleh penonton dengan **id\_pembelian** pertama.

```
MariaDB [db_bioskop]> select * from tb_detail_pembelian where id_pembelian='PMB01';
+-----+-----+-----+-----+
| id_detail_pembelian | id_pembelian | id_tiket | harga_tiket |
+-----+-----+-----+-----+
| DPMB01             | PMB01       | TK01     | 40000       |
+-----+-----+-----+-----+
1 row in set (0.001 sec)
```

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;
+-----+-----+-----+-----+-----+
| id_penonton | nama    | no_telp    | alamat          | tgl_lahir |
+-----+-----+-----+-----+-----+
| P03        | Hambali | 081250738943 | Jalan_Garuda    | 2004-05-16 |
| P02        | Hari    | 081250563865 | Jalan_Seth_Adji | 2004-04-06 |
| P01        | Kousi   | 081250443768 | Jalan_RTA_Milono | 2004-07-12 |
| P09        | Mikel   | 081250443676 | Jalan_Gurita    | 2001-05-09 |
| P08        | Mikel   | 081250443675 | Jalan_Gurame    | 2002-04-21 |
| P07        | Mikel   | 081250443674 | Jalan_Tingang   | 2004-03-25 |
| P06        | Mikel   | 081250443673 | Jalan_Antang    | 2004-07-20 |
| P05        | Mikel   | 081250443672 | Jalan_Rajawali  | 2004-02-04 |
| P04        | Mikel   | 081250443671 | Jalan_Badak     | 2003-01-02 |
| P10       | Mikel   | 081250443677 | Jalan_Kutilang  | 2003-08-12 |
+-----+-----+-----+-----+-----+
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 |
+-----+-----+-----+-----+-----+
| F04     | Saw        | 1.12   | Thriller | 2004-10-01 |
| F03     | It         | 2.15   | Horror  | 2017-09-08 |
| F01     | Interstellar | 2.49   | SciFi   | 2014-11-06 |
| F02     | Dunkirk    | 1.46   | War     | 2017-07-20 |
+-----+-----+-----+-----+-----+
4 rows in set (0.000 sec)
```