

Nama : M Irfan Syarifuddin
NRP : 171111051
Kelas : B1

Responsi 2

1.

```
CA\WINDOWS\system32\cmd.exe
Server version: 10.1.31-MariaDB mariadb.org binary distribution
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MariaDB [(none)]> Ctrl-C -- exit!
Bye

c:\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 3
Server version: 10.1.31-MariaDB mariadb.org binary distribution
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MariaDB [(none)]> create database 171111051_perpus;
-> ;
Query OK, 1 row affected (0.04 sec)

MariaDB [(none)]> Ctrl-C -- exit!
Bye

c:\xampp\mysql\bin>mysql -u root -p 171111051_Perpus < perpus.sql
Enter password:

c:\xampp\mysql\bin>
```

2.

```
CA\WINDOWS\system32\cmd.exe - mysql -u root -p
MariaDB [171111051_Perpus]> insert into buku (idBuku, NamaBuku, Stock) values ("BUK001","Achieve Your Dream","10"),("BUK002","Business Strategy","15"),("BUK003","Constellation","10"),("BUK004","Build Your Own Android Application","20"),("BUK005","Don't Be Afraid","10");
Query OK, 5 rows affected (0.08 sec)
Records: 5 Duplicates: 0 Warnings: 0

MariaDB [171111051_Perpus]> insert into member (idMember, NamaMember, JK, Alamat, Tlp) values ("MEM001","Yoga","L","Mojokerto","81882721882"),("MEM002","Bagus","L","Malang","81882721882"),("MEM003","Aldi","L","Magelang","81882721882"),("MEM004","Linda","P","Batu","81882721882"),("MEM005","Aisha","P","Sidoarjo","81882721882");
ERROR 1054 (42S22): Unknown column 'JK' in 'field list'
MariaDB [171111051_Perpus]> desc member;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| IdMember | varchar(6) | NO | PRI | NULL | |
| NamaMember | varchar(50) | NO | | NULL | |
| JenisKelamin | varchar(10) | YES | | NULL | |
| Alamat | varchar(100) | NO | | NULL | |
| Tlp | varchar(15) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.03 sec)

MariaDB [171111051_Perpus]> insert into member (idMember, NamaMember, JenisKelamin, Alamat, Tlp) values ("MEM001","Yoga","L","Mojokerto","81882721882"),("MEM002","Bagus","L","Malang","81882721882"),("MEM003","Aldi","L","Magelang","81882721882"),("MEM004","Linda","P","Batu","81882721882"),("MEM005","Aisha","P","Sidoarjo","81882721882");
Query OK, 5 rows affected (0.07 sec)
Records: 5 Duplicates: 0 Warnings: 0

MariaDB [171111051_Perpus]>
```

3.

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p

MariaDB [171111051_Perpus]> select buku.NamaBuku , pinjam.JumlahPinjam from pinjam, buku where buku.IdBuku=pinjam.IdBuku;
+-----+-----+
| NamaBuku          | JumlahPinjam |
+-----+-----+
| How to Walk       | 2            |
| How to Carry a Book | 1            |
| Don't Be Affraid  | 3            |
| How to Carry a Book | 1            |
| How to Chillin    | 2            |
| Don't Be Affraid  | 2            |
| Build Your Own Android Application | 1            |
+-----+-----+
7 rows in set (0.00 sec)

MariaDB [171111051_Perpus]> select buku.NamaBuku , pinjam.JumlahPinjam from pinjam, buku where buku.IdBuku=pinjam.IdBuku
group by buku.NamaBuku;
+-----+-----+
| NamaBuku          | JumlahPinjam |
+-----+-----+
| Build Your Own Android Application | 1            |
| Don't Be Affraid  | 3            |
| How to Carry a Book | 1            |
| How to Chillin    | 2            |
| How to Walk       | 2            |
+-----+-----+
5 rows in set (0.04 sec)

MariaDB [171111051_Perpus]>
```

4.

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p

+-----+-----+-----+-----+-----+-----+
| IdMember | NamaMember | JenisKelamin | Alamat | Tip |
+-----+-----+-----+-----+-----+
| MEM001 | Yoga | L | Mojokerto | 81882721002 |
| MEM002 | Bapin | L | Malang | 81882721002 |
| MEM003 | ALDI | L | Magelang | 81882721002 |
| MEM004 | Linda | P | Satu | 81882721002 |
| MEM005 | Alsha | P | Sidoarjo | 81882721002 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

MariaDB [171111051_Perpus]> update member set alamat = "Jakarta" where IdMember="MEM001";
Query OK, 1 row affected (0.14 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [171111051_Perpus]> update member set alamat = "Madian" where IdMember="MEM002";
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [171111051_Perpus]> update member set alamat = "Tasikmalaya" where IdMember="MEM003";
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [171111051_Perpus]> select * from member;
+-----+-----+-----+-----+-----+
| IdMember | NamaMember | JenisKelamin | Alamat | Tip |
+-----+-----+-----+-----+-----+
| MEM001 | Yoga | L | Jakarta | 81882721002 |
| MEM002 | Bapin | L | Madian | 81882721002 |
| MEM003 | ALDI | L | Tasikmalaya | 81882721002 |
| MEM004 | Linda | P | Satu | 81882721002 |
| MEM005 | Alsha | P | Sidoarjo | 81882721002 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

MariaDB [171111051_Perpus]>
```

4.1

```
C:\WINDOWS\system32\cmd.exe - myoj -> net-p

IdPetugas    varchar(8)    NO    PKI    NULL
NamaPetugas  varchar(50)   NO    NULL
Jk           varchar(2)    YES   NULL
Alamat       varchar(100)  YES   NULL
Tlp          varchar(15)   NO    NULL

5 rows in set (0.01 sec)

MariaDB [171113051_Perpus]: select * from petugas;
+-----+-----+-----+-----+-----+
| IdPetugas | NamaPetugas | Jk | Alamat | Tlp |
+-----+-----+-----+-----+-----+
| PET001    | Alifan      | L  | Malang | 81882721001 |
| PET002    | Jafar      | L  | Kapanjen | 81882721001 |
| PET003    | Alina      | P  | Surabaya | 81882721001 |
| PET004    | Anvi       | P  | Surabaya | 81882721001 |
| PET005    | Putri      | P  | Blitar  | 81882721001 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

MariaDB [171113051_Perpus]: update petugas set alamat = "Bondang" where IdPetugas="PET001";
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [171113051_Perpus]: update petugas set alamat = "Kapanjen" where IdPetugas="PET002";
Query OK, 0 rows affected (0.00 sec)
Rows matched: 1  Changed: 0  Warnings: 0

MariaDB [171113051_Perpus]: update petugas set alamat = "Surakarta" where IdPetugas="PET003";
Query OK, 1 row affected (0.11 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [171113051_Perpus]: select * from petugas;
+-----+-----+-----+-----+-----+
| IdPetugas | NamaPetugas | Jk | Alamat | Tlp |
+-----+-----+-----+-----+-----+
| PET001    | Alifan      | L  | Bondang | 81882721001 |
| PET002    | Jafar      | L  | Kapanjen | 81882721001 |
| PET003    | Alina      | P  | Surakarta | 81882721001 |
| PET004    | Anvi       | P  | Surabaya | 81882721001 |
| PET005    | Putri      | P  | Blitar  | 81882721001 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

4.2

```
C:\WINDOWS\system32\cmd.exe - myoj -> net-p

PET002    Jafar      L  Kapanjen  81882721001
PET003    Alina      P  Surakarta  81882721001
PET004    Anvi       P  Surabaya  81882721001
PET005    Putri      P  Blitar    81882721001

5 rows in set (0.00 sec)

MariaDB [171113051_Perpus]: select * from buku;
+-----+-----+-----+
| IdBuku | NamaBuku | Stock |
+-----+-----+-----+
| BUK001 | Achieve Your Dream | 10 |
| BUK002 | Business Strategy | 15 |
| BUK003 | Constellation | 10 |
| BUK004 | Build Your Own Android Application | 20 |
| BUK005 | Don't Be Afraid | 10 |
+-----+-----+-----+
5 rows in set (0.00 sec)

MariaDB [171113051_Perpus]: update buku set NamaBuku = "How to Chill" where IdBuku="BUK001";
Query OK, 1 row affected (0.07 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [171113051_Perpus]: update buku set NamaBuku = "How to Carry a Book" where IdBuku="BUK002";
Query OK, 1 row affected (0.10 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [171113051_Perpus]: update buku set NamaBuku = "How to Walk " where IdBuku="BUK003";
Query OK, 1 row affected (0.06 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [171113051_Perpus]: select * from buku;
+-----+-----+-----+
| IdBuku | NamaBuku | Stock |
+-----+-----+-----+
| BUK001 | How to Chill | 10 |
| BUK002 | How to Carry a Book | 15 |
| BUK003 | How to Walk | 10 |
| BUK004 | Build Your Own Android Application | 20 |
| BUK005 | Don't Be Afraid | 10 |
+-----+-----+-----+
5 rows in set (0.00 sec)

MariaDB [171113051_Perpus]:
```

5.

```

C:\WINDOWS\system32\cmd.exe - mysql -u root -p
6 rows in set (0.00 sec)

MariaDB [171111051_Perpus]> insert into pinjam (IdPetugas, IdMember, IdBuku, JumlahPinjam, TglPinjam, TglHrsKembali, TglKembali, Status) values
-> ("PET003", "MEM002", "BUK004", "1", "2018-01-04", "2018-01-11", "", "Pinjam");
Query OK, 1 row affected, 1 warning (0.10 sec)

MariaDB [171111051_Perpus]> select * from pinjam;
+-----+-----+-----+-----+-----+-----+-----+-----+
| IdPetugas | IdMember | IdBuku | JumlahPinjam | TglPinjam | TglHrsKembali | TglKembali | Status |
+-----+-----+-----+-----+-----+-----+-----+-----+
| PET005 | MEM004 | BUK003 | 2 | 2018-01-02 | 2018-01-09 | 0000-00-00 | Pinjam |
| PET001 | MEM002 | BUK002 | 1 | 2018-01-03 | 2018-01-10 | 2018-01-05 | Kembali |
| PET004 | MEM001 | BUK005 | 3 | 2018-01-04 | 2018-01-11 | 2018-01-09 | kembali |
| PET002 | MEM004 | BUK002 | 1 | 2018-01-04 | 2018-01-11 | 0000-00-00 | Pinjam |
| PET001 | MEM001 | BUK001 | 2 | 2018-01-04 | 2018-01-11 | 2018-01-11 | kembali |
| PET005 | MEM003 | BUK005 | 2 | 2018-01-03 | 2018-01-10 | 0000-00-00 | Pinjam |
| PET003 | MEM002 | BUK004 | 1 | 2018-01-04 | 2018-01-11 | 0000-00-00 | Pinjam |
+-----+-----+-----+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)

MariaDB [171111051_Perpus]> s

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5.1

```

Select C:\WINDOWS\system32\cmd.exe - mysql -u root -p
+-----+-----+-----+-----+-----+-----+-----+-----+
| PET001 | MEM001 | BUK001 | 2 | 2018-01-04 | 2018-01-11 | 2018-01-11 | kembali |
| PET005 | MEM003 | BUK005 | 2 | 2018-01-03 | 2018-01-10 | 0000-00-00 | Pinjam |
+-----+-----+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

MariaDB [171111051_Perpus]> delete from pinjam where IdPetugas="PET005" and IdMember ="MEM001";
Query OK, 1 row affected (0.10 sec)

MariaDB [171111051_Perpus]> select * from pinjam;
+-----+-----+-----+-----+-----+-----+-----+-----+
| IdPetugas | IdMember | IdBuku | JumlahPinjam | TglPinjam | TglHrsKembali | TglKembali | Status |
+-----+-----+-----+-----+-----+-----+-----+-----+
| PET002 | MEM005 | BUK004 | 3 | 2018-01-01 | 2018-01-08 | 2018-01-05 | Kembali |
| PET003 | MEM002 | BUK001 | 3 | 2018-01-01 | 2018-01-08 | 0000-00-00 | Pinjam |
| PET005 | MEM004 | BUK003 | 2 | 2018-01-02 | 2018-01-09 | 0000-00-00 | Pinjam |
| PET001 | MEM002 | BUK002 | 1 | 2018-01-03 | 2018-01-10 | 2018-01-05 | Kembali |
| PET004 | MEM001 | BUK005 | 3 | 2018-01-04 | 2018-01-11 | 2018-01-09 | kembali |
| PET002 | MEM004 | BUK002 | 1 | 2018-01-04 | 2018-01-11 | 0000-00-00 | Pinjam |
| PET003 | MEM002 | BUK004 | 1 | 2018-01-04 | 2018-01-11 | 0000-00-00 | Pinjam |
| PET001 | MEM001 | BUK001 | 2 | 2018-01-04 | 2018-01-11 | 2018-01-11 | kembali |
| PET005 | MEM003 | BUK005 | 2 | 2018-01-03 | 2018-01-10 | 0000-00-00 | Pinjam |
+-----+-----+-----+-----+-----+-----+-----+-----+
9 rows in set (0.00 sec)

MariaDB [171111051_Perpus]> delete from pinjam where IdPetugas="PET002" and IdMember ="MEM005";
Query OK, 1 row affected (0.06 sec)

MariaDB [171111051_Perpus]> delete from pinjam where IdPetugas="PET003" and IdMember ="MEM002";
Query OK, 2 rows affected (0.10 sec)

```

6.

```

C:\WINDOWS\system32\cmd.exe - mysql -u root -p

18 |
15 |
18 |
20 |
18 |
-----+-----
5 rows in set (0.00 sec)

MariaDB [171111851_Perpus]> select Stock count from buku;
-----+-----
count |
-----+-----
18    |
15    |
18    |
20    |
18    |
-----+-----
5 rows in set (0.00 sec)

MariaDB [171111851_Perpus]> select count Stock from buku ;
ERROR 1054 (42S22): Unknown column 'count' in 'field list'
MariaDB [171111851_Perpus]> select count(*) Stock from buku ;
-----+-----
Stock |
-----+-----
5     |
-----+-----
1 row in set (0.00 sec)

```

6.1

```

C:\WINDOWS\system32\cmd.exe - mysql -u root -p

member |
petugas |
pinjam |
-----+-----
4 rows in set (0.00 sec)

MariaDB [171111851_Perpus]> select member.NamaMember, buku.NamaBuku, pinjam.TglPinjam from member, buku, pinjam where me
member.NamaMember = pinjam.idMember;
Empty set (0.00 sec)

MariaDB [171111851_Perpus]> select member.NamaMember, buku.NamaBuku, pinjam.TglPinjam from member, buku, pinjam where me
member.NamaMember = pinjam.idMember and buku.idBuku=pinjam.idBuku;
Empty set (0.00 sec)

MariaDB [171111851_Perpus]> select member.NamaMember, buku.NamaBuku, pinjam.TglPinjam from member, buku, pinjam where me
member.idMember = pinjam.idMember and buku.idBuku=pinjam.idBuku;
-----+-----+-----+-----
NamaMember | NamaBuku | TglPinjam |
-----+-----+-----+-----
Linda      | How to Walk | 2018-01-02 |
Bagus      | How to Carry a Book | 2018-01-03 |
Yoga       | Don't Be Affraid | 2018-01-04 |
Linda      | How to Carry a Book | 2018-01-04 |
Yoga       | How to Chillin | 2018-01-04 |
Aldi       | Don't Be Affraid | 2018-01-03 |
Bagus      | Build Your Own Android Application | 2018-01-04 |
-----+-----+-----+-----
7 rows in set (0.00 sec)

MariaDB [171111851_Perpus]>

```

6.2

```

C:\WINDOWS\system32\cmd.exe - mysql -u root -p

MariaDB [171111051_Perpus]> select petugas.NamaPetugas, member.NamaMember, buku.NamaBuku from pinjam join member on pinjam.idMember=member.idMember join petugas on pinjam.idPetugas=petugas.idPetugas join buku on pinjam.idBuku=buku.idBuku where tglPinjam = "2018-01-04";
Empty set, 4 warnings (0.00 sec)

MariaDB [171111051_Perpus]> select petugas.NamaPetugas, member.NamaMember, buku.NamaBuku from pinjam join member on pinjam.idMember=member.idMember join petugas on pinjam.idPetugas=petugas.idPetugas join buku on pinjam.idBuku=buku.idBuku where tglPinjam = "2018-01-04";
Empty set, 4 warnings (0.00 sec)

MariaDB [171111051_Perpus]> select petugas.NamaPetugas, member.NamaMember, buku.NamaBuku from pinjam join member on pinjam.idMember=member.idMember join petugas on pinjam.idPetugas=petugas.idPetugas join buku on pinjam.idBuku=buku.idBuku where TglPinjam = "2018-01-04";
Empty set, 4 warnings (0.00 sec)

MariaDB [171111051_Perpus]> select petugas.NamaPetugas, member.NamaMember, buku.NamaBuku from pinjam join member on pinjam.idMember=member.idMember join petugas on pinjam.idPetugas=petugas.idPetugas join buku on pinjam.idBuku=buku.idBuku where TglPinjam = "2018-01-04";
+-----+-----+-----+
| NamaPetugas | NamaMember | NamaBuku |
+-----+-----+-----+
| Nov1       | Yoga      | Don't Be Affraid |
| Jafar      | Linda     | How to Carry a Book |
| Alfian     | Yoga      | How to Chillin |
| Rina       | Bagus     | Build Yur Own Android Apllication |
+-----+-----+-----+
4 rows in set (0.00 sec)

MariaDB [171111051_Perpus]>

```

6.3

```

C:\WINDOWS\system32\cmd.exe - mysql -u root -p

MariaDB [171111051_Perpus]> select buku.NamaBuku , pinjam.JumlahPinjam from pinjam, buku where buku.idBuku=pinjam.idBuku;
+-----+-----+
| NamaBuku | JumlahPinjam |
+-----+-----+
| How to Walk | 2 |
| How to Carry a Book | 1 |
| Don't Be Affraid | 3 |
| How to Carry a Book | 1 |
| How to Chillin | 2 |
| Don't Be Affraid | 2 |
| Build Yur Own Android Apllication | 1 |
+-----+-----+
7 rows in set (0.00 sec)

MariaDB [171111051_Perpus]> select buku.NamaBuku , pinjam.JumlahPinjam from pinjam, buku where buku.idBuku=pinjam.idBuku group by buku.NamaBuku;
+-----+-----+
| NamaBuku | JumlahPinjam |
+-----+-----+
| Build Yur Own Android Apllication | 1 |
| Don't Be Affraid | 3 |
| How to Carry a Book | 1 |
| How to Chillin | 2 |
| How to Walk | 2 |
+-----+-----+
5 rows in set (0.04 sec)

MariaDB [171111051_Perpus]>

```

7.

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p

+-----+-----+
| NamaBuku | JumlahPinjam |
+-----+-----+
| Build Your Own Android Application | 1 |
| Don't Be Affraid | 3 |
| How to Carry a Book | 1 |
| How to Chillin | 2 |
| How to Walk | 2 |
+-----+-----+
5 rows in set (0.04 sec)

MariaDB [171111051_Perpus]> create view data_pengembalian as select buku.NamaBuku, member.NamaMember, petugas.NamaPetugas,
pinjam.TglPinjam, pinjam.TglKembali, pinjam.JumlahPinjam from pinjam join buku on pinjam.idBuku=buku.idBuku join member on
pinjam.idMember=member.idMember join petugas on pinjam.idPetugas=petugas.idPetugas;
Query OK, 0 rows affected (0.12 sec)

MariaDB [171111051_Perpus]> select * from data_pengembalian;

+-----+-----+-----+-----+-----+-----+
| NamaBuku | NamaMember | NamaPetugas | TglPinjam | TglKembali | JumlahPinjam |
+-----+-----+-----+-----+-----+-----+
| How to Walk | Linda | Putri | 2018-01-02 | 0000-00-00 | 2 |
| How to Carry a Book | Bagus | Alfian | 2018-01-03 | 2018-01-05 | 1 |
| Don't Be Affraid | Yoga | Novi | 2018-01-04 | 2018-01-09 | 3 |
| How to Carry a Book | Linda | Jafar | 2018-01-04 | 0000-00-00 | 1 |
| How to Chillin | Yoga | Alfian | 2018-01-04 | 2018-01-11 | 2 |
| Don't Be Affraid | Aldi | Putri | 2018-01-03 | 0000-00-00 | 2 |
| Build Your Own Android Application | Bagus | Rina | 2018-01-04 | 0000-00-00 | 1 |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.04 sec)

MariaDB [171111051_Perpus]>
```