

Nim : 10240038

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Latihan pertemuan 9

1. Buat database menggunakan phpMyAdmin dengan nama “db_latihan_sepatu”.

```
mysql> create database db_latihan_sepatu;  
Query OK, 1 row affected (0.06 sec)
```

Field Name	Type
------------	------

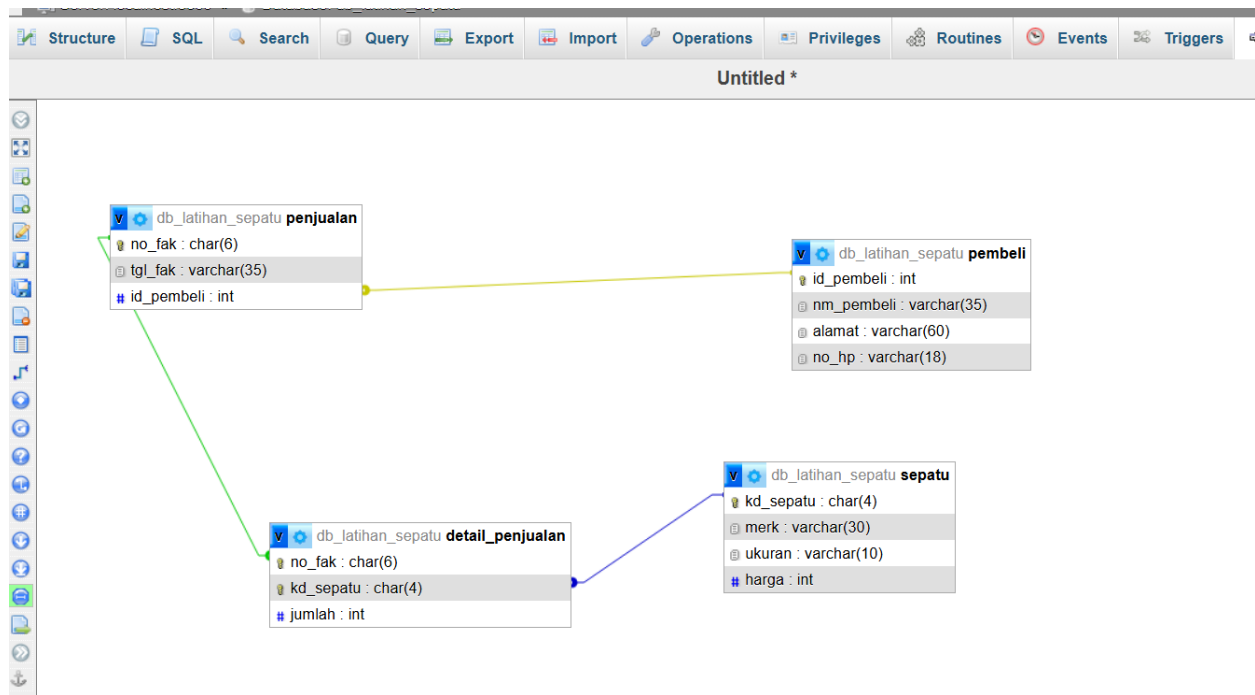
2. Buat beberapa tabel pada database db_latihan_sepatu, sebagai berikut:

```
mysql> CREATE TABLE sepatu ( kd_sepatu CHAR(4) PRIMARY KEY, merk VARCHAR(30), ukuran VARCHAR(10), harga INT ) EN  
GINE=InnoDB;  
Query OK, 0 rows affected (0.13 sec)  
  
mysql> CREATE TABLE pembeli ( id_pembeli INT AUTO_INCREMENT PRIMARY KEY, nm_pembeli VARCHAR(35), alamat VARCHAR(60  
) , no_hp VARCHAR(18) ) ENGINE=InnoDB;  
Query OK, 0 rows affected (0.02 sec)  
  
mysql> CREATE TABLE penjualan ( no_fak CHAR(6) PRIMARY KEY, tgl_fak VARCHAR(35), id_pembeli INT, CONSTRAINT fk_p  
enjualan_pembeli FOREIGN KEY (id_pembeli) REFERENCES pembeli(id_pembeli) ON UPDATE CASCADE ON DELETE RESTRICT )  
ENGINE=InnoDB;  
Query OK, 0 rows affected (0.07 sec)  
  
mysql> CREATE TABLE detail_penjualan ( no_fak CHAR(6), kd_sepatu CHAR(4), jumlah INT, PRIMARY KEY (no_fak, kd_se  
patu), CONSTRAINT fk_detail_penjualan_penjualan FOREIGN KEY (no_fak) REFERENCES penjualan(no_fak) ON UPDATE CA  
SCADE ON DELETE RESTRICT, CONSTRAINT fk_detail_penjualan_sepatu FOREIGN KEY (kd_sepatu) REFERENCES sepatu(kd_sepat  
u) ON UPDATE CASCADE ON DELETE RESTRICT ) ENGINE=InnoDB;  
Query OK, 0 rows affected (0.08 sec)
```

3. Isi Record untuk masing-masing tabel sebagai berikut :

```
mysql> INSERT INTO pembeli (id_pembeli, nm_pembeli, alamat, no_hp) VALUES (1,'Joko','Pontianak','091212123434'), (2,'Butet','Yogyakarta','09121313  
4545'), (3,'Daeng','Tegal','091214145656'), (4,'Putu','Tasikmalaya','091215156767'), (5,'Neng','Bandung','091216167878');  
Query OK, 5 rows affected (0.01 sec)  
Records: 5 Duplicates: 0 Warnings: 0  
  
mysql> INSERT INTO penjualan (no_fak, tgl_fak, id_pembeli) VALUES ('FK0101','2017-11-02',1), ('FK0102','2017-11-03',3), ('FK0103','2017-11-04',4),  
('FK0104','2017-11-05',5);  
Query OK, 4 rows affected (0.01 sec)  
Records: 4 Duplicates: 0 Warnings: 0  
  
mysql> INSERT INTO detail_penjualan (no_fak, kd_sepatu, jumlah) VALUES ('FK0101','S001',1), ('FK0101','S002',2), ('FK0102','S001',1), ('FK0103','S  
005',3), ('FK0104','S003',1), ('FK0104','S006',1);  
Query OK, 6 rows affected (0.01 sec)  
Records: 6 Duplicates: 0 Warnings: 0
```

4. Buat relasi antar tabel dengan menggunakan “Designer phpMyAdmin”.



Latihan Pertemuan ke 10

1. Buat sebuah database dengan nama “NIMMasingmasing_bab10”, kemudian tampilkan seluruh daftar tabel yang ada.

```
mysql>
mysql> CREATE DATABASE IF NOT EXISTS 10240038_bab10; use 10240038_bab10;
Query OK, 1 row affected (0.02 sec)
```

2. Aktifkan database NIMMasingmasing_bab10.

```
mysql>
mysql> CREATE DATABASE IF NOT EXISTS 10240038_bab10; use 10240038_bab10;
Query OK, 1 row affected (0.02 sec)
```

3. Buat tabel bernama “tb_brg”, dengan ketentuan sebagai berikut:

```
Database changed
mysql> CREATE TABLE tb_brg ( kd_brg CHAR(3) PRIMARY KEY, nm_brg VARCHAR(45), jumlah INT, harga INT ) ENGINE=InnoDB;
Query OK, 0 rows affected (0.04 sec)
```

4. Buat tabel bernama “tb_cust”, dengan ketentuan sebagai berikut:

```
mysql> CREATE TABLE tb_cust ( kd_cust CHAR(3) PRIMARY KEY, nm_cust VARCHAR(45), alamat_cust VARCHAR(75), telp_cust VARCHAR(20) ) ENGINE=InnoDB;
Query OK, 0 rows affected (0.03 sec)
```

5. Buat Tabel bernama “tb_trans”, dengan ketentuan sebagai berikut:

```
mysql> CREATE TABLE tb_trans ( id INT AUTO_INCREMENT PRIMARY KEY, kd_brg CHAR(3), kd_cust CHAR(3),  
  (kd_brg) REFERENCES tb_brg(kd_brg) ON UPDATE CASCADE ON DELETE RESTRICT, CONSTRAINT fk_trans_cust  
  ust(kd_cust) ON UPDATE CASCADE ON DELETE RESTRICT ) ENGINE=InnoDB;  
Query OK, 0 rows affected (0.07 sec)
```

6. Tampilkan struktur tabel dari masing-masing tabel yang telah dibuat.

```
mysql> DESCRIBE tb_brg; DESCRIBE tb_cust; DESCRIBE tb_trans;  
+-----+-----+-----+-----+-----+-----+  
| Field | Type | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| kd_brg | char(3) | NO | PRI | NULL | |  
| nm_brg | varchar(45) | YES | | NULL | |  
| jumlah | int | YES | | NULL | |  
| harga | int | YES | | NULL | |  
+-----+-----+-----+-----+-----+-----+  
4 rows in set (0.03 sec)  
  
+-----+-----+-----+-----+-----+-----+  
| Field | Type | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| kd_cust | char(3) | NO | PRI | NULL | |  
| nm_cust | varchar(45) | YES | | NULL | |  
| alamat_cust | varchar(75) | YES | | NULL | |  
| telp_cust | varchar(20) | YES | | NULL | |  
+-----+-----+-----+-----+-----+-----+  
4 rows in set (0.00 sec)  
  
+-----+-----+-----+-----+-----+-----+  
| Field | Type | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| id | int | NO | PRI | NULL | auto_increment |  
| kd_brg | char(3) | YES | MUL | NULL | |  
| kd_cust | char(3) | YES | MUL | NULL | |  
+-----+-----+-----+-----+-----+-----+  
3 rows in set (0.00 sec)
```

7. Isikan data untuk tabel tb_brg, dengan data sebagai berikut:

```
mysql> INSERT INTO tb_brg (kd_brg, nm_brg, jumlah, harga) VALUES ('B01','Buku',50,4500), ('B02','Pulpen',35,3000), ('B03','Penggaris',20,1500), ('  
B04','Penghapus',15,500), ('B05','Spidol',30,4000);  
Query OK, 5 rows affected (0.04 sec)  
Records: 5 Duplicates: 0 Warnings: 0
```

8. Isikan data untuk tabel tb_cust, dengan data sebagai berikut:

```
mysql> INSERT INTO tb_cust (kd_cust, nm_cust, alamat_cust, telp_cust) VALUES ('111','Nagoya Saki','BSD','08478383833'), ('112','Ibmu Raihan','Serpong','082798989898'), ('113','Anto Hoed','Muncul','081040404040'), ('114','Abdul Karim','Keranggan','086567676767'), ('115','Roberto Salim','Cisauk','083164646464');
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> select * tb_cust;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'tb_cust' at line 1
mysql> select * from tb_cust;
+-----+-----+-----+-----+
| kd_cust | nm_cust | alamat_cust | telp_cust |
+-----+-----+-----+-----+
| 111 | Nagoya Saki | BSD | 08478383833 |
| 112 | Ibmu Raihan | Serpong | 082798989898 |
| 113 | Anto Hoed | Muncul | 081040404040 |
| 114 | Abdul Karim | Keranggan | 086567676767 |
| 115 | Roberto Salim | Cisauk | 083164646464 |
+-----+-----+-----+-----+
5 rows in set (0.01 sec)
```

9. Isikan data untuk tabel tb_trans, dengan data sebagai berikut:

```
mysql> INSERT INTO tb_trans (id, kd_brg, kd_cust) VALUES (1,'B01','111'), (2,'B01','113'), (3,'B02','112'), (4,'B02','114'), (5,'B02','113'), (6,'B03','115'), (7,'B03','111'), (8,'B04','114'), (9,'B05','112'), (10,'B05','113');
Query OK, 10 rows affected (0.01 sec)
Records: 10 Duplicates: 0 Warnings: 0

mysql> select * from tb_trans;
+----+-----+-----+
| id | kd_brg | kd_cust |
+----+-----+-----+
| 1 | B01 | 111 |
| 2 | B01 | 113 |
| 3 | B02 | 112 |
| 4 | B02 | 114 |
| 5 | B02 | 113 |
| 6 | B03 | 115 |
| 7 | B03 | 111 |
| 8 | B04 | 114 |
| 9 | B05 | 112 |
| 10 | B05 | 113 |
+----+-----+-----+
10 rows in set (0.00 sec)
```

10. Tampilkan isi record dari masing-masing tabel yang telah dibuat.

```
mysql> SELECT * FROM tb_brg; SELECT * FROM tb_cust; SELECT * FROM tb_trans;
+-----+-----+-----+
| kd_brg | nm_brg | jumlah | harga |
+-----+-----+-----+
| B01 | Buku | 50 | 4500 |
| B02 | Pulpen | 35 | 3000 |
| B03 | Penggaris | 20 | 1500 |
| B04 | Penghapus | 15 | 500 |
| B05 | Spidol | 30 | 4000 |
+-----+-----+-----+
5 rows in set (0.00 sec)

+-----+-----+-----+-----+
| kd_cust | nm_cust | alamat_cust | telp_cust |
+-----+-----+-----+-----+
| 111 | Nagoya Saki | BSD | 08478383833 |
| 112 | Ibmu Raihan | Serpong | 082798989898 |
| 113 | Anto Hoed | Muncul | 081040404040 |
| 114 | Abdul Karim | Keranggan | 086567676767 |
| 115 | Roberto Salim | Cisauk | 083164646464 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

+----+-----+-----+
| id | kd_brg | kd_cust |
+----+-----+-----+
| 1 | B01 | 111 |
| 2 | B01 | 113 |
| 3 | B02 | 112 |
| 4 | B02 | 114 |
| 5 | B02 | 113 |
| 6 | B03 | 115 |
| 7 | B03 | 111 |
| 8 | B04 | 114 |
| 9 | B05 | 112 |
| 10 | B05 | 113 |
+----+-----+-----+
10 rows in set (0.00 sec)
```

11. Berdasarkan ketiga tabel diatas, gunakan perintah Inner Join untuk menampilkan daftar barang yang telah dibeli oleh customer bernama Ibu Raihan.

```
mysql> SELECT t.id, c.kd_cust, c.nm_cust, b.kd_brg, b.nm_brg, b.harga FROM tb_trans t INNER JOIN tb_cust c ON t.kd_cust = c.kd_cust INNER JOIN tb_brg b ON t.kd_brg = b.kd_brg WHERE c.nm_cust = 'Ibu Raihan';
```

id	kd_cust	nm_cust	kd_brg	nm_brg	harga
3	112	Ibu Raihan	B02	Pulpen	3000
9	112	Ibu Raihan	B05	Spidol	4000

2 rows in set (0.00 sec)

12. Hapus isi record tabel tb_cust bernada Roberto Salim.

```
mysql> DELETE FROM tb_trans WHERE kd_cust = '115'; DELETE FROM tb_cust WHERE nm_cust = 'Roberto Salim';
```

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

13. Tampilkan kembali isi record dari tabel tb_cust.

```
mysql> SELECT * FROM tb_cust;
```

kd_cust	nm_cust	alamat_cust	telp_cust
111	Nagoya Saki	BSD	084783838383
112	Ibu Raihan	Serpong	082798989898
113	Anto Hoed	Muncul	081040404040
114	Abdul Karim	Keranggan	086567676767

4 rows in set (0.00 sec)

14. Ubah alamat customer pada tb_cust untuk Anto Hoed menjadi "Parung".

```
mysql> UPDATE tb_cust SET alamat_cust = 'Parung' WHERE nm_cust = 'Anto Hoed';
```

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

15. Gunakan perintah Inner Join untuk menampilkan daftar barang yang telah dibeli oleh customer bernama Abdul Karim.

```
mysql> SELECT t.id, c.kd_cust, c.nm_cust, b.kd_brg, b.nm_brg, b.harga FROM tb_trans t INNER JOIN tb_cust c ON t.kd_cust = c.kd_cust INNER JOIN tb_brg b ON t.kd_brg = b.kd_brg WHERE c.nm_cust = 'Abdul Karim';
```

id	kd_cust	nm_cust	kd_brg	nm_brg	harga
4	114	Abdul Karim	B02	Pulpen	3000
8	114	Abdul Karim	B04	Penghapus	500

2 rows in set (0.01 sec)

Latihan pertemuan ke 11

1. Buat sebuah database dengan nama " NIMMasingmasing_bab11".

```
mysql> CREATE DATABASE IF NOT EXISTS 10240038_bab11;
```

Query OK, 1 row affected (0.02 sec)

2. aktifkan database NIMMasingmasing_bab11.

```
mysql> use 10240038_bab11;
Database changed
mysql>
```

3. Buat 3 buah tabel dengan ketentuan sebagai berikut:

```
mysql> use 10240038_bab11;
Database changed
mysql> CREATE TABLE komik ( kd_komik CHAR(4) PRIMARY KEY, judul VARCHAR(50), pengarang VARCHAR(45), penerbit VARCHAR(40), harga INT ) ENGINE=InnoDB;
Query OK, 0 rows affected (0.08 sec)

mysql> CREATE TABLE member ( id_member CHAR(4) PRIMARY KEY, nama_member VARCHAR(45), alamat_member VARCHAR(60), no_telp VARCHAR(18) ) ENGINE=InnoDB;
Query OK, 0 rows affected (0.03 sec)

mysql> CREATE TABLE transaksi ( notrans INT AUTO INCREMENT PRIMARY KEY, id_member CHAR(4), kd_komik CHAR(4), tgl_beli DATE, jml_beli DOUBLE, CONSTRAINT fk_transaksi_member FOREIGN KEY (id_member) REFERENCES member(id_member) ON UPDATE CASCADE ON DELETE RESTRICT, CONSTRAINT fk_transaksi_komik FOREIGN KEY (kd_komik) REFERENCES komik(kd_komik) ON UPDATE CASCADE ON DELETE RESTRICT ) ENGINE=InnoDB;
Query OK, 0 rows affected (0.06 sec)

mysql> INSERT INTO member (id_member, nama_member, alamat_member, no_telp) VALUES ('1001','Suma Aryo','Cimone','084167676767'), ('1002','Kumala Wati','Tangerang','084189898989'), ('1003','Nenden Fitria','Jatiuwung','084531313131'), ('1004','Gundala Legam','Pasar Kemis','084510101010'), ('1005','Roy Puryo','Kali Pasir','084166667777');
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> INSERT INTO transaksi (notrans, id_member, kd_komik, tgl_beli, jml_beli) VALUES (1001,'1001','K01','2020-01-20',4), (1002,'1004','K03','2020-01-21',7), (1003,'1005','K05','2020-01-25',5);
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0
```

4. Isi Record masing-masing tabel sebagai berikut:

```
mysql> INSERT INTO komik (kd_komik, judul, pengarang, penerbit, harga) VALUES ('K01','Ular Putih','Adrian Veri','Komika Indo',25000), ('K02','Satria Bertopeng','Tyo Sadewo','Graha Komik',78000), ('K03','Tutur Tinular','Moeis Mui','Graha Komik',40000), ('K04','Rajawali Sakti','Adrian Veri','Komika Indo',30000), ('K05','Elang Emas','Adrian Veri','Komika Indo',28000); -- 4) Isi data tabel member
mysql> INSERT INTO member (id_member, nama_member, alamat_member, no_telp) VALUES ('1001','Suma Aryo','Cimone','084167676767'), ('1002','Kumala Wati','Tangerang','084189898989'), ('1003','Nenden Fitria','Jatiuwung','084531313131'), ('1004','Gundala Legam','Pasar Kemis','084510101010'), ('1005','Roy Puryo','Kali Pasir','084166667777'); -- 4) Isi data tabel transaksi
mysql> INSERT INTO transaksi (notrans, id_member, kd_komik, tgl_beli, jml_beli) VALUES (1001,'1001','K01','2020-01-20',4), (1002,'1004','K03','2020-01-21',7), (1003,'1005','K05','2020-01-25',5);
Query OK, 5 rows affected (0.02 sec)
Records: 5 Duplicates: 0 Warnings: 0
```

5. Tampilkan isi record pada masing-masing tabel.

```
mysql> SELECT * FROM komik; SELECT * FROM member; SELECT * FROM transaksi;

+-----+-----+-----+-----+-----+
| kd_komik | judul          | pengarang | penerbit | harga |
+-----+-----+-----+-----+-----+
| K01      | Ular Putih     | Adrian Veri | Komika Indo | 25000 |
| K02      | Satria Bertopeng | Tyo Sadewo  | Graha Komik | 78000 |
| K03      | Tutur Tinular  | Moeis Mui   | Graha Komik | 40000 |
| K04      | Rajawali Sakti | Adrian Veri | Komika Indo | 30000 |
| K05      | Elang Emas     | Adrian Veri | Komika Indo | 28000 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

+-----+-----+-----+-----+
| id_member | nama_member | alamat_member | no_telp |
+-----+-----+-----+-----+
| 1001      | Suma Aryo   | Cimone        | 084167676767 |
| 1002      | Kumala Wati | Tangerang     | 084189898989 |
| 1003      | Nenden Fitria | Jatiuwung     | 084531313131 |
| 1004      | Gundala Legam | Pasar Kemis   | 084510101010 |
| 1005      | Roy Puryo   | Kali Pasir    | 084166667777 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

+-----+-----+-----+-----+-----+
| notrans | id_member | kd_komik | tgl_beli | jml_beli |
+-----+-----+-----+-----+-----+
| 1001    | 1001      | K01      | 2020-01-20 | 4         |
| 1002    | 1004      | K03      | 2020-01-21 | 7         |
| 1003    | 1005      | K05      | 2020-01-25 | 5         |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

6. Tampilkan hanya field “notrans” (data diambil dari tabel transaksi), “nama_member” (data diambil dari tabel member), “kd_komik” (data diambil dari tabel transaksi), “jml_beli” (diambil

dari tabel transaksi), serta buat alias dengan nama “subtotal” (harga * jml_beli). Gunakan relasi Inner Join untuk menampilkan hasilnya.

```
mysql> SELECT t.notrans, m.nama_member, t.kd_komik, t.jml_beli, (k.harga * t.jml_beli) AS subtotal FROM transaksi t INNER JOIN member m ON t.id_member = m.id_member INNER JOIN komik k ON t.kd_komik = k.kd_komik;
```

notrans	nama_member	kd_komik	jml_beli	subtotal
1001	Suma Aryo	K01	4	100000
1002	Gundala Legam	K03	7	280000
1003	Roy Puryo	K05	1	140000

3 rows in set (0.00 sec)

Latihan pertemuan ke 12

1. Buat database dengan nama db_review

```
mysql> CREATE DATABASE IF NOT EXISTS db_review;
Query OK, 1 row affected (0.02 sec)
```

2. Buat 3 buah tabel dengan ketentuan sebagai berikut: Tabel dokter:

```
mysql> CREATE TABLE dokter ( id_dokter INT AUTO INCREMENT PRIMARY KEY, nama VARCHAR(35), alamat VARCHAR(50), no_telp VARCHAR(20), biaya_konsultasi DOUBLE ) ENGINE=InnoDB; -- 2)
Buat tabel pasien CREATE TABLE pasien ( id_pasien INT AUTO INCREMENT PRIMARY KEY, nama VARCHAR(35), alamat VARCHAR(50), no_telp VARCHAR(20) ) ENGINE=InnoDB; -- 2)
Buat tabel periksa CREATE TABLE periksa ( noperiksa INT AUTO INCREMENT PRIMARY KEY, tgl_periksa DATE, id_pasien INT, id_dokter INT, biaya DOUBLE, CONSTRAINT fk_periksa_pasien FOREIGN KEY (id_pasien) REFERENCES pasien(id_pasien) ON UPDATE CASCADE ON DELETE RESTRICT, CONSTRAINT fk_periksa_dokter FOREIGN KEY (id_dokter) REFERENCES dokter(id_dokter) ON UPDATE CASCADE ON DELETE RESTRICT ) ENGINE=InnoDB;
Query OK, 0 rows affected (0.12 sec)
```

3. Isi Record pada tabel sebagai berikut:

```
mysql>
mysql> INSERT INTO dokter (id_dokter, nama, alamat, no_telp, biaya_konsultasi) VALUES (1,'Sri Putri','BSD','0217775555',50000), (2,'Ade Wijaya','Cimone','0217776666',100000), (3,'Hermawan','Tangerang','0217778888',50000), (4,'Susanti','Cengkareng','0217779999',75000), (5,'Ernes','Ciledug','0217770000',100000);
Query OK, 5 rows affected (0.02 sec)
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> INSERT INTO pasien (id_pasien, nama, alamat, no_telp) VALUES (1,'2017-11-24','1,3,30000'), (2,'2017-11-24','3,1,30000'), (3,'2017-11-26','2,3,30000'), (4,'2017-11-28','4,2,30000');
Query OK, 4 rows affected (0.01 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

```
mysql> INSERT INTO periksa (id_periksa, nama, alamat, no_telp) VALUES (1,'Abdul Majid','Tangerang','031442222'), (2,'Ade Wijaya','Tangerang','031443333'), (3,'Hermawan','Tangerang','031443555'), (4,'Susanti','Tangerang Selatan','031446666'), (5,'Ernes','Tangerang Selatan','031447777');
```

4. Buka struktur masing-masing tabel yang telah dibuat.

```
mysql> DESCRIBE dokter; DESCRIBE pasien; DESCRIBE periksa;
```

Field	Type	Null	Key	Default	Extra
id_dokter	int	NO	PRI	NULL	auto_increment
nama	varchar(35)	YES		NULL	
alamat	varchar(50)	YES		NULL	
no_telp	varchar(20)	YES		NULL	
biaya_konsultasi	double	YES		NULL	

5 rows in set (0.03 sec)

Field	Type	Null	Key	Default	Extra
id_pasien	int	NO	PRI	NULL	auto_increment
nama	varchar(35)	YES		NULL	
alamat	varchar(50)	YES		NULL	
no_telp	varchar(20)	YES		NULL	

4 rows in set (0.00 sec)

Field	Type	Null	Key	Default	Extra
noperiksa	int	NO	PRI	NULL	auto_increment
tgl_periksa	date	YES		NULL	
id_pasien	int	YES	MUL	NULL	FOREIGN KEY (id_pasien) REFERENCES pasien(id_pasien) ON UPDATE CASCADE ON DELETE RESTRICT
id_dokter	int	YES	MUL	NULL	FOREIGN KEY (id_dokter) REFERENCES dokter(id_dokter) ON UPDATE CASCADE ON DELETE RESTRICT
biaya	double	YES		NULL	

5 rows in set (0.00 sec)

5. Tampilkan seluruh isi record pada masing-masing tabel.

```
mysql> SELECT * FROM dokter; SELECT * FROM pasien; SELECT * FROM periksa;
```

id_dokter	nama	alamat	no_telp	biaya_konsultasi
1	Sri Putri	BSD	0217775555	50000
2	Ade Wijaya	Cimone	0217776666	100000
3	Hermawan	Tangerang	0217778888	50000
4	Susanti	Cengkareng	0217779999	75000
5	Ernes	Ciledug	0217770000	100000

5 rows in set (0.01 sec)

```
mysql> DESCRIBE pasien;
```

id_pasien	nama	alamat	no_telp
1	Abdul Majid	Tangerang	0314442222
2	Ade Wijaya	Tangerang	0314443333
3	Hermawan	Tangerang	0314445555
4	Susanti	Tangerang Selatan	0314446666
5	Ernes	Tangerang Selatan	0314447777

5 rows in set (0.00 sec)

```
mysql> SELECT * FROM periksa;
```

noperiksa	tgl_periksa	id_pasien	id_dokter	biaya
1	2017-11-24	1	3	30000
2	2017-11-24	3	1	30000
3	2017-11-26	2	3	30000
4	2017-11-28	4	2	30000

4 rows in set (0.00 sec)

6. Ubah size pada field “nama” tabel dokter, menjadi size = “45”.

```
mysql> ALTER TABLE dokter MODIFY nama VARCHAR(45);
Query OK, 0 rows affected (0.09 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

7. Tampilkan isi record tabel dokter dengan nama dokter = “Sri Putri”.

```
mysql> SELECT * FROM dokter WHERE nama = 'Sri Putri';
```

id_dokter	nama	alamat	no_telp	biaya_konsultasi
1	Sri Putri	BSD	0217775555	50000

1 row in set (0.00 sec)

8. Tampilkan hanya field “noperiksa”, “nama”(diambil dari tabel “biaya_konsultasi”, “tgl_periksa” dengan menggunakan fungsi inner join.

```
mysql> SELECT p.noperiksa, d.nama, d.biaya_konsultasi, p.tgl_periksa FROM periksa p INNER JOIN dokter d ON p.id_dokter = d.id_dokter;
```

noperiksa	nama	biaya_konsultasi	tgl_periksa
1	Hermawan	50000	2017-11-24
2	Sri Putri	50000	2017-11-24
3	Hermawan	50000	2017-11-26
4	Ade Wijaya	100000	2017-11-28

4 rows in set (0.01 sec)

9. Tampilkan hanya field “noperiksa”, “nama”(diambil dari tabel dokter), “biaya_konsultasi”, “tgl_periksa”, “total_biaya”. Total_biaya merupakan alias yang dibuat (total_biaya didapat dari biaya_konsultasi+biaya), gunakan fungsi inner join.

```
mysql> SELECT p.noperiksa, d.nama, d.biaya_konsultasi, p.tgl_periksa, (d.biaya_konsultasi + p.biaya) AS total_biaya FROM periksa p INNER JOIN dokter d ON p.id_dokter = d.id_dokter;
```

noperiksa	nama	biaya_konsultasi	tgl_periksa	total_biaya
1	Hermawan	50000	2017-11-24	80000
2	Sri Putri	50000	2017-11-24	80000
3	Hermawan	50000	2017-11-26	80000
4	Ade Wijaya	100000	2017-11-28	130000

4 rows in set (0.01 sec)

10. Tampilkan hanya field “noperiksa”, “nama”(diambil dari tabel dokter), “biaya_konsultasi”, “tgl_periksa”, “total_biaya” “bonus”. Total_biaya merupakan alias yang dibuat (total_biaya didapat dari biaya_konsultasi+biaya). Buat alias kembali dengan nama “Bonus” (bonus didapat jika total_biaya >100.000, yaitu”Vitamin C”). gunakan fungsi inner join untuk mendapatkan hasilnya.

```
mysql> SELECT p.noperiksa, d.nama, d.biaya_konsultasi, p.tgl_periksa, (d.biaya_konsultasi + p.biaya) AS total_biaya, CASE WHEN (d.biaya_konsultasi + p.biaya) > 100000 THEN 'Vitamin C' ELSE 'Tidak' END AS bonus FROM periksa p INNER JOIN dokter d ON p.id_dokter = d.id_dokter;
```

noperiksa	nama	biaya_konsultasi	tgl_periksa	total_biaya	bonus
1	Hermawan	50000	2017-11-24	80000	Tidak
2	Sri Putri	50000	2017-11-24	80000	Tidak
3	Hermawan	50000	2017-11-26	80000	Tidak
4	Ade Wijaya	100000	2017-11-28	130000	Vitamin C

4 rows in set (0.00 sec)