

Kelompok 2 bengkel_motor kelas 05TPLP016:

Andri Firman Saputra	201011402125
Aldo Hermawan Suryana	201011401246
Dhiwa Gemilang	201011402321
Fariz Septiawan	201011401491
Fiki Aji Panuntun	201011400707
Ragil Ramadhan	201011402305
Rangga Ariansyah	201011400688

master

Execute Debug

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)
- Databases
- Security
- Server Objects
- Replication
- Management

database bengkel m...-ANDRI\andri (52)*

```
create database bengkel_motor;
```

133 %

Messages

Command(s) completed successfully.

100 %

Query executed successfully.

DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | master | 00:00:00 | 0 rows

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)
- Databases
- Security
- Server Objects
- Replication
- Management

database bengkel m...-ANDRI\andri (52)*

```
create database bengkel_motor;  
use bengkel_motor;
```

133 %

Messages

Command(s) completed successfully.

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)
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- Server Objects
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- Management

database bengkel m...-ANDRI\andri (52)*

```
use bengkel_motor;  
  
create table user_bengkel (  
    id_user_bengkel int,  
    username nchar(50),  
    password nchar(300),  
    hak_akses nchar(100),  
    nama_lengkap nchar(100)  
    primary key(id_user_bengkel)  
);
```

133 %

Messages

Command(s) completed successfully.

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)
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database bengkel m...-ANDRI\andri (52)*

```
nama_lengkap nchar(100)
primary key(id_user_bengkel)
);

create table montir (
    id_montir int,
    nama_montir nchar(100),
    no_telepon nchar(15),
    alamat nchar(200)
    primary key(id_montir)
);
```

133 %

Messages

Command(s) completed successfully.

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

Connect

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- Replication
- Management

database bengkel m...-ANDRI\andri (52)*

```
alamat nchar(200)
primary key(id_montir)
);

create table customer (
    id_customer int,
    nama_customer nchar(100),
    no_telepon nchar(15),
    alamat nchar(200)
    primary key(id_customer)
);
```

133 %

Messages

Command(s) completed successfully.

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)
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- Server Objects
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- Management

database bengkel m...-ANDRI\andri (52)*

```
);  
primary key(id_customer)  
);  
  
create table barang (  
    id_barang int,  
    nama_barang nchar(100),  
    stok_barang int,  
    harga_beli int,  
    harga_jual int,  
    primary key(id_barang)  
);
```

133 %

Messages

Command(s) completed successfully.

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

Connect

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database bengkel m...-ANDRI\andri (52)*

```
create table servis (  
    id_servis int,  
    id_customer int,  
    id_montir int,  
    biaya_servis int,  
    keterangan nchar(100)  
    constraint FK_Customer  
    foreign Key (id_customer)  
    references customer(id_customer),  
    constraint FK_Montir  
    foreign Key (id_montir)  
    references montir(id_montir),  
    primary key (id_servis)  
);
```

133 %

Messages

Command(s) completed successfully.

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

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- Server Objects
- Replication
- Management

database bengkel m...-ANDRI\andri (52)*

```
create table barang_servis (  
    id_barang_servis int,  
    id_servis int,  
    id_barang int,  
    jumlah_barang int,  
    subtotal_harga int  
    constraint FK_Servis  
    foreign Key (id_servis)  
    references servis(id_servis),  
    constraint FK_Barang  
    foreign Key (id_barang)  
    references barang(id_barang),  
    primary key (id_barang_servis)  
);
```

133 %

Messages

Command(s) completed successfully.

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

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database bengkel m...-ANDRI\andri (52)*

```
create table transaksi (  
    id_transaksi int,  
    id_user_bengkel int,  
    id_servis int,  
    tanggal_transaksi datetime,  
    total_harga int,  
    keterangan nchar(100)  
    constraint FK_UserBengkel  
    foreign Key (id_user_bengkel)  
    references user_bengkel(id_user_bengkel),  
    constraint FK_Servis_Transaksi  
    foreign Key (id_servis)  
    references servis(id_servis),  
    primary key(id_transaksi)  
);
```

133 %

Messages

Command(s) completed successfully.

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

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database bengkel m...-ANDRI\andri (52)*

```
keterangan nchar(100)
constraint FK_UserBengkel
foreign Key (id_user_bengkel)
references user_bengkel(id_user_bengkel),
constraint FK_Servis_Transaksi
foreign Key (id_servis)
references servis(id_servis),
primary key(id_transaksi)
);

insert into user_bengkel (id_user_bengkel, username, password, hak_akses, nama_lengkap) values
(1, 'adminandri', 'adminandri123', 'Administrator', 'Andri Firman Saputra'),
(2, 'kasirrangga', 'kasirrangga123', 'Kasir', 'Rangga Ariansyah'),
(3, 'kasirfiki', 'kasirfiki123', 'Kasir', 'Fiki Aji Panuntun');
```

133 %

Messages

(3 row(s) affected)

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

Connect

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database bengkel m...-ANDRI\andri (52)*

```
foreign Key (id_servis)
references servis(id_servis),
primary key(id_transaksi)
);

insert into user_bengkel (id_user_bengkel, username, password, hak_akses, nama_lengkap) values
(1, 'adminandri', 'adminandri123', 'Administrator', 'Andri Firman Saputra'),
(2, 'kasirrangga', 'kasirrangga123', 'Kasir', 'Rangga Ariansyah'),
(3, 'kasirfiki', 'kasirfiki123', 'Kasir', 'Fiki Aji Panuntun');

insert into montir (id_montir, nama_montir, no_telepon, alamat) values
(1, 'Dhiwa Gemilang Pramdhani', '081212131953', 'Bogor'),
(2, 'Rizki Ramadhan', '085622778921', 'Ciputat'),
(3, 'Bima Darmaja Suryatama', '089899882273', 'Pondok Cabe');
```

133 %

Messages

(3 row(s) affected)

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI\andri (52))
- Databases
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database bengkel m...-ANDRI\andri (52)*

```
insert into user_bengkel (id_user_bengkel, username, password, hak_akses, nama_lengkap) values
(1, 'adminandri', 'adminandri123', 'Administrator', 'Andri Firman Saputra'),
(2, 'kasirrangga', 'kasirrangga123', 'Kasir', 'Rangga Ariansyah'),
(3, 'kasirfiki', 'kasirfiki123', 'Kasir', 'Fiki Aji Panuntun');

insert into montir (id_montir, nama_montir, no_telepon, alamat) values
(1, 'Dhiwa Gemilang Pramdhani', '081212131953', 'Bogor'),
(2, 'Rizki Ramadhan', '085622778921', 'Ciputat'),
(3, 'Bima Darmaja Suryatama', '089899882273', 'Pondok Cabe');

insert into customer (id_customer, nama_customer, no_telepon, alamat) values
(1, 'Fariz Septiawan', '081212341234', 'Alam Sutra'),
(2, 'Aldo Hermawan Suryana', '089621236545', 'Graha Raya'),
(3, 'Ragil Ramadhan', '085642126638', 'Serpong');
```

133 %

Messages

(3 row(s) affected)

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

Connect

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database bengkel m...-ANDRI\andri (52)*

```
(1, 'Dhiwa Gemilang Pramdhani', '081212131953', 'Bogor'),  
(2, 'Rizki Ramadhan', '085622778921', 'Ciputat'),  
(3, 'Bima Darmaja Suryatama', '089899882273', 'Pondok Cabe');  
  
insert into customer (id_customer, nama_customer, no_telepon, alamat) values  
(1, 'Fariz Septiawan', '081212341234', 'Alam Sutra'),  
(2, 'Aldo Hermawan Suryana', '089621236545', 'Graha Raya'),  
(3, 'Ragil Ramadhan', '085642126638', 'Serpong');  
  
insert into barang (id_barang, nama_barang, stok_barang, harga_beli, harga_jual) values  
(1, 'Oli', 12, 35000, 40000),  
(2, 'Kampas Rem', 50, 50000, 56000),  
(3, 'Minyak Rem', 10, 20000, 25000),  
(4, 'Van Belt Matic', 6, 35000, 40000);
```

133 %

Messages

(4 row(s) affected)

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)
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database bengkel m...-ANDRI\andri (52)*

```
(1, 'Fariz Septiawan', '081212341234', 'Alam Sutra'),  
(2, 'Aldo Hermawan Suryana', '089621236545', 'Graha Raya'),  
(3, 'Ragil Ramadhan', '085642126638', 'Serpong');  
  
insert into barang (id_barang, nama_barang, stok_barang, harga_beli, harga_jual) values  
(1, 'Oli', 12, 35000, 40000),  
(2, 'Kampas Rem', 50, 50000, 56000),  
(3, 'Minyak Rem', 10, 20000, 25000),  
(4, 'Van Belt Matic', 6, 35000, 40000);  
  
insert into servis (id_servis, id_customer, id_montir, biaya_servis, keterangan) values  
(1, 1, 1, 120000, 'Ganti Kampas Rem dan Ganti Van Belt'),  
(2, 2, 2, 30000, 'Ganti Oli'),  
(3, 3, 3, 35000, 'Ganti Minyak Rem');
```

133 %

Messages

(3 row(s) affected)

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)
- Databases
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- Server Objects
- Replication
- Management

database bengkel m...-ANDRI\andri (52)*

```
(4, 'Van Belt Matic', 6, 35000, 40000);  
  
insert into servis (id_servis, id_customer, id_montir, biaya_servis, keterangan) values  
(1, 1, 1, 120000, 'Ganti Kampas Rem dan Ganti Van Belt'),  
(2, 2, 2, 30000, 'Ganti Oli'),  
(3, 3, 3, 35000, 'Ganti Minyak Rem');  
  
insert into barang_servis (id_barang_servis, id_servis, id_barang, jumlah_barang, subtotal_harga) values  
(1, 1, 2, 1, 56000),  
(2, 1, 4, 1, 40000),  
(3, 2, 1, 1, 40000),  
(4, 3, 3, 2, 50000);
```

121 %

Messages

(4 row(s) affected)

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI\)
- Databases
- Security
- Server Objects
- Replication
- Management

database bengkel m...-ANDRI\andri (52)*

```
insert into servis (id_servis, id_customer, id_montir, biaya_servis, keterangan) values
(1, 1, 1, 120000, 'Ganti Kampas Rem dan Ganti Van Belt'),
(2, 2, 2, 30000, 'Ganti Oli'),
(3, 3, 3, 35000, 'Ganti Minyak Rem');

insert into barang_servis (id_barang_servis, id_servis, id_barang, jumlah_barang, subtotal_harga) values
(1, 1, 2, 1, 56000),
(2, 1, 4, 1, 40000),
(3, 2, 1, 1, 40000),
(4, 3, 3, 2, 50000);

insert into transaksi (id_transaksi, id_user_bengkel, id_servis, tanggal_transaksi, total_harga, keterangan) values
(1, 2, 1, '2022-11-21 10:38:59', 216000, 'Biaya Ganti Kampas Rem, Ganti Van Belt, Beli Kampas Rem dan Van Belt Baru'),
(2, 3, 2, '2022-11-21 13:45:59', 70000, 'Biaya Ganti Oli dan Beli Oli'),
(3, 2, 3, '2022-11-21 17:08:59', 85000, 'Biaya Ganti Minyak Rem dan Beli Minyak Rem');
```

110 %

Messages

(3 row(s) affected)

100 %

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 0 rows

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)
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database bengkel m...-ANDRI\andri (52)*

```
insert into servis (id_servis, id_customer, id_montir, biaya_servis, keterangan) values
(1, 1, 1, 120000, 'Ganti Kampas Rem dan Ganti Van Belt'),
(2, 2, 2, 30000, 'Ganti Oli'),
(3, 3, 3, 35000, 'Ganti Minyak Rem');

insert into barang_servis (id_barang_servis, id_servis, id_barang, jumlah_barang, subtotal_harga) values
(1, 1, 2, 1, 56000),
(2, 1, 4, 1, 40000),
(3, 2, 1, 1, 40000),
(4, 3, 3, 2, 50000);

insert into transaksi (id_transaksi, id_user_bengkel, id_servis, tanggal_transaksi, total_harga, keterangan) values
(1, 2, 1, '2022-11-21 10:38:59', 216000, 'Biaya Ganti Kampas Rem, Ganti Van Belt, Beli Kampas Rem dan Van Belt Baru'),
(2, 3, 2, '2022-11-21 13:45:59', 70000, 'Biaya Ganti Oli dan Beli Oli'),
(3, 2, 3, '2022-11-21 17:08:59', 85000, 'Biaya Ganti Minyak Rem dan Beli Minyak Rem');

select * from user_bengkel;
```

110 %

Results Messages

	id_user_bengkel	username	password	hak_akses	nama_lengkap
1	1	adminandri	adminandri123	Administrator	Andri Fiman Saputra
2	2	kasirangga	kasirangga123	Kasir	Rangga Ariansyah
3	3	kasifiki	kasifiki123	Kasir	Fiki Aji Panuntun

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 3 rows

Object Explorer

Connect

DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)

- Databases
- Security
- Server Objects
- Replication
- Management

database bengkel m...-ANDRI\andri (52)*

```
(1, 1, 1, 12000, 'Ganti Kampas Rem dan Ganti Van Belt',  
(2, 2, 2, 30000, 'Ganti Oli'),  
(3, 3, 3, 35000, 'Ganti Minyak Rem');  
  
insert into barang_servis (id_barang_servis, id_servis, id_barang, jumlah_barang, subtotal_harga) values  
(1, 1, 2, 1, 56000),  
(2, 1, 4, 1, 40000),  
(3, 2, 1, 1, 40000),  
(4, 3, 3, 2, 50000);  
  
insert into transaksi (id_transaksi, id_user_bengkel, id_servis, tanggal_transaksi, total_harga, keterangan) values  
(1, 2, 1, '2022-11-21 10:38:59', 216000, 'Biaya Ganti Kampas Rem, Ganti Van Belt, Beli Kampas Rem dan Van Belt Baru'),  
(2, 3, 2, '2022-11-21 13:45:59', 70000, 'Biaya Ganti Oli dan Beli Oli'),  
(3, 2, 3, '2022-11-21 17:08:59', 85000, 'Biaya Ganti Minyak Rem dan Beli Minyak Rem');  
  
select * from user_bengkel;  
  
select * from montir;
```

110 %

Results Messages

	id_montir	nama_montir	no_telepon	alamat
1	1	Dhiwa Gemilang Pramdhani	081212131953	Bogor
2	2	Rizki Ramadhan	085622778921	Ciputat
3	3	Bima Damaja Suryatama	089899882273	Pondok Cabe

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 3 rows

Object Explorer

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database bengkel m...-ANDRI\andri (52)*

```
insert into barang_servis (id_barang_servis, id_servis, id_barang, jumlah_barang, subtotal_harga) values
(1, 1, 2, 1, 56000),
(2, 1, 4, 1, 40000),
(3, 2, 1, 1, 40000),
(4, 3, 3, 2, 50000);

insert into transaksi (id_transaksi, id_user_bengkel, id_servis, tanggal_transaksi, total_harga, keterangan) values
(1, 2, 1, '2022-11-21 10:38:59', 216000, 'Biaya Ganti Kampas Rem, Ganti Van Belt, Beli Kampas Rem dan Van Belt Baru'),
(2, 3, 2, '2022-11-21 13:45:59', 70000, 'Biaya Ganti Oli dan Beli Oli'),
(3, 2, 3, '2022-11-21 17:08:59', 85000, 'Biaya Ganti Minyak Rem dan Beli Minyak Rem');

select * from user_bengkel;

select * from montir;

select * from customer;
```

110 %

Results Messages

	id_customer	nama_customer	no_telepon	alamat
1	1	Fariz Septiawan	081212341234	Alam Sutra
2	2	Aldo Hermawan Suryana	089621236545	Graha Raya
3	3	Ragil Ramadhan	085642126638	Serpong

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 3 rows

Object Explorer

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- Server Objects
- Replication
- Management

database bengkel m...-ANDRI\andri (52)*

```
insert into barang_servis (id_barang_servis, id_barang, id_servis, jumlah_barang, subtotal_harga) values
(1, 1, 2, 1, 56000),
(2, 1, 4, 1, 40000),
(3, 2, 1, 1, 40000),
(4, 3, 3, 2, 50000);

insert into transaksi (id_transaksi, id_user_bengkel, id_servis, tanggal_transaksi, total_harga, keterangan) values
(1, 2, 1, '2022-11-21 10:38:59', 216000, 'Biaya Ganti Kampas Rem, Ganti Van Belt, Beli Kampas Rem dan Van Belt Baru'),
(2, 3, 2, '2022-11-21 13:45:59', 70000, 'Biaya Ganti Oli dan Beli Oli'),
(3, 2, 3, '2022-11-21 17:08:59', 85000, 'Biaya Ganti Minyak Rem dan Beli Minyak Rem');

select * from user_bengkel;

select * from montir;

select * from customer;

select * from barang;
```

110 %

Results Messages

	id_barang	nama_barang	stok_barang	harga_beli	harga_jual
1	1	Oli	12	35000	40000
2	2	Kampas Rem	50	50000	56000
3	3	Minyak Rem	10	20000	25000
4	4	Van Belt Matic	6	35000	40000

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 4 rows

Object Explorer

Connect

DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)

- Databases
- Security
- Server Objects
- Replication
- Management

database bengkel m...-ANDRI\andri (52)*

```
(2, 2, 1, 2, 120000),  
(3, 2, 1, 1, 40000),  
(4, 3, 3, 2, 50000);  
  
insert into transaksi (id_transaksi, id_user_bengkel, id_servis, tanggal_transaksi, total_harga, keterangan) values  
(1, 2, 1, '2022-11-21 10:38:59', 216000, 'Biaya Ganti Kampas Rem, Ganti Van Belt, Beli Kampas Rem dan Van Belt Baru'),  
(2, 3, 2, '2022-11-21 13:45:59', 70000, 'Biaya Ganti Oli dan Beli Oli'),  
(3, 2, 3, '2022-11-21 17:08:59', 85000, 'Biaya Ganti Minyak Rem dan Beli Minyak Rem');  
  
select * from user_bengkel;  
  
select * from montir;  
  
select * from customer;  
  
select * from barang;  
  
select * from servis;
```

110 %

Results Messages

	id_servis	id_customer	id_montir	biaya_servis	keterangan
1	1	1	1	120000	Ganti Kampas Rem dan Ganti Van Belt
2	2	2	2	30000	Ganti Oli
3	3	3	3	35000	Ganti Minyak Rem

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 3 rows

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)
- Databases
- Security
- Server Objects
- Replication
- Management

database bengkel m...-ANDRI\andri (52)*

```
insert into transaksi (id_transaksi, id_user_bengkel, id_servis, tanggal_transaksi, total_harga, keterangan) values
(1, 2, 1, '2022-11-21 10:38:59', 216000, 'Biaya Ganti Kampas Rem, Ganti Van Belt, Beli Kampas Rem dan Van Belt Baru'),
(2, 3, 2, '2022-11-21 13:45:59', 70000, 'Biaya Ganti Oli dan Beli Oli'),
(3, 2, 3, '2022-11-21 17:08:59', 85000, 'Biaya Ganti Minyak Rem dan Beli Minyak Rem');

select * from user_bengkel;

select * from montir;

select * from customer;

select * from barang;

select * from servis;

select * from barang_servis;
```

110 %

Results Messages

	id_barang_servis	id_servis	id_barang	jumlah_barang	subtotal_harga
1	1	1	2	1	56000
2	2	1	4	1	40000
3	3	2	1	1	40000
4	4	3	3	2	50000

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 4 rows

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)
- Databases
- Security
- Server Objects
- Replication
- Management

database bengkel m...-ANDRI\andri (56)*

```
select * from montir;  
select * from customer;  
select * from barang;  
select * from servis;  
select * from barang_servis;  
select * from barang_servis where id_servis = 1;
```

110 %

Results Messages

	id_barang_servis	id_servis	id_barang	jumlah_barang	subtotal_harga
1	1	1	2	1	56000
2	2	1	4	1	40000

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (56) | bengkel_motor | 00:00:00 | 2 rows

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)
- Databases
- Security
- Server Objects
- Replication
- Management

database bengkel m...-ANDRI\andri (52)*

```
INSERT INTO transaksi (id_transaksi, id_user_bengkel, id_servis, tanggal_transaksi, total_harga, keterangan) VALUES  
(1, 2, 1, '2022-11-21 10:38:59', 216000, 'Biaya Ganti Kampas Rem, Ganti Van Belt, Beli Kampas Rem dan Van Belt Baru'),  
(2, 3, 2, '2022-11-21 13:45:59', 70000, 'Biaya Ganti Oli dan Beli Oli'),  
(3, 2, 3, '2022-11-21 17:08:59', 85000, 'Biaya Ganti Minyak Rem dan Beli Minyak Rem');  
  
select * from user_bengkel;  
  
select * from montir;  
  
select * from customer;  
  
select * from barang;  
  
select * from servis;  
  
select * from barang_servis;  
  
select * from transaksi;
```

110 %

Results Messages

	id_transaksi	id_user_bengkel	id_servis	tanggal_transaksi	total_harga	keterangan
1	1	2	1	2022-11-21 10:38:59.000	216000	Biaya Ganti Kampas Rem, Ganti Van Belt, Beli Kam...
2	2	3	2	2022-11-21 13:45:59.000	70000	Biaya Ganti Oli dan Beli Oli
3	3	2	3	2022-11-21 17:08:59.000	85000	Biaya Ganti Minyak Rem dan Beli Minyak Rem

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (52) | bengkel_motor | 00:00:00 | 3 rows

Object Explorer

Connect

- DESKTOP-ANDRI (SQL Server 11.0.6020 - DESKTOP-ANDRI)
- Databases
- Security
- Server Objects
- Replication
- Management

database bengkel m...-ANDRI\andri (56)

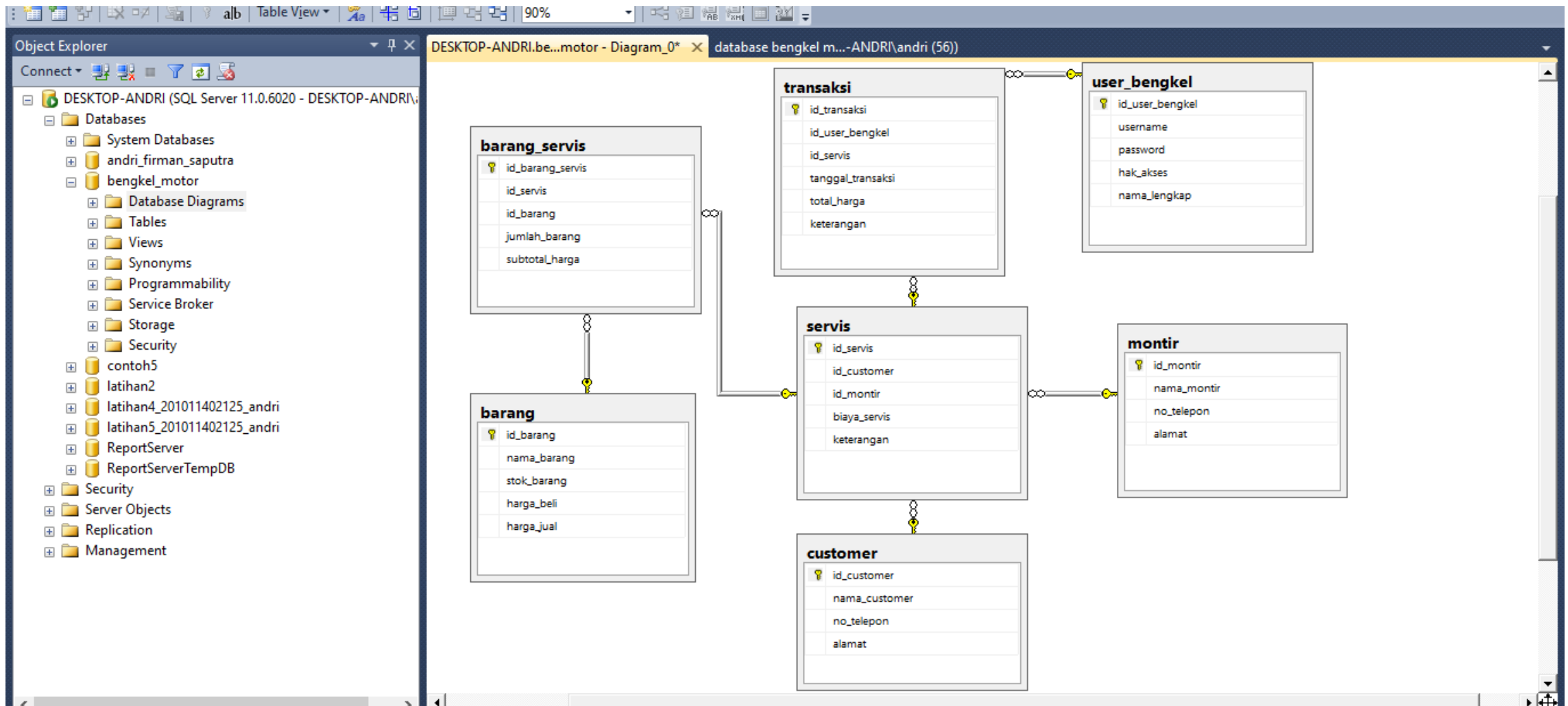
```
select * from barang;  
  
select * from servis;  
  
select * from barang_servis;  
  
select * from transaksi;  
  
select tanggal_transaksi, total_harga, transaksi.keterangan, nama_lengkap, biaya_servis, servis.keterangan from  
transaksi  
inner join user_bengkel on transaksi.id_user_bengkel = user_bengkel.id_user_bengkel  
inner join servis on transaksi.id_servis = servis.id_servis;
```

110 %

Results Messages

	tanggal_transaksi	total_harga	keterangan	nama_lengkap	biaya_servis	keterangan
1	2022-11-21 10:38:59.000	216000	Biaya Ganti Kampas Rem, Ganti Van Belt, Beli Kam...	Rangga Ariansyah	120000	Ganti Kampas Rem dan Ganti Van Belt
2	2022-11-21 13:45:59.000	70000	Biaya Ganti Oli dan Beli Oli	Fiki Aji Panuntun	30000	Ganti Oli
3	2022-11-21 17:08:59.000	85000	Biaya Ganti Minyak Rem dan Beli Minyak Rem	Rangga Ariansyah	35000	Ganti Minyak Rem

Query executed successfully. | DESKTOP-ANDRI (11.0 SP3) | DESKTOP-ANDRI\andri (56) | bengkel_motor | 00:00:00 | 3 rows



Kelompok 2 bengkel_motor kelas 05TPLP016:

Andri Firman Saputra	201011402125
Aldo Hermawan Suryana	201011401246
Dhiwa Gemilang	201011402321
Fariz Septiawan	201011401491
Fiki Aji Panuntun	201011400707
Ragil Ramadhan	201011402305
Rangga Ariansyah	201011400688

```
create database bengkel_motor;
```

```
use bengkel_motor;
```

```
create table user_bengkel (  
    id_user_bengkel int,  
    username nchar(50),  
    password nchar(300),  
    hak_akses nchar(100),  
    nama_lengkap nchar(100)  
    primary key(id_user_bengkel)  
);
```

```
create table montir (  
    id_montir int,  
    nama_montir nchar(100),  
    no_telepon nchar(15),  
    alamat nchar(200)  
    primary key(id_montir)  
);
```

```
create table customer (  
    id_customer int,  
    nama_customer nchar(100),  
    no_telepon nchar(15),  
    alamat nchar(200)  
    primary key(id_customer)  
);
```

```
create table barang (  
    id_barang int,
```

```

        id_barang int,
        nama_barang nchar(100),
        stok_barang int,
        harga_beli int,
        harga_jual int
        primary key(id_barang)
);

create table servis (
    id_servis int,
    id_customer int,
    id_montir int,
    biaya_servis int,
    keterangan nchar(100)
    constraint FK_Customer
    foreign Key (id_customer)
    references customer(id_customer),
    constraint FK_Montir
    foreign Key (id_montir)
    references montir(id_montir),
    primary key (id_servis)
);

create table barang_servis (
    id_barang_servis int,
    id_servis int,
    id_barang int,
    jumlah_barang int,
    subtotal_harga int
    constraint FK_Servis
    foreign Key (id_servis)
    references servis(id_servis),
    constraint FK_Barang
    foreign Key (id_barang)
    references barang(id_barang),
    primary key (id_barang_servis)
);

```

```

create table transaksi (
    id_transaksi int,
    id_user_bengkel int,
    id_servis int,
    tanggal_transaksi datetime,
    total_harga int,
    keterangan nchar(100)
    constraint FK_UserBengkel
    foreign Key (id_user_bengkel)
    references user_bengkel(id_user_bengkel),
    constraint FK_Servis_Transaksi
    foreign Key (id_servis)
    references servis(id_servis),
    primary key(id_transaksi)
);

insert into user_bengkel (id_user_bengkel, username, password, hak_akses, nama_lengkap)
values
(1, 'adminandri', 'adminandri123', 'Administrator', 'Andri Firman Saputra'),
(2, 'kasirrangga', 'kasirrangga123', 'Kasir', 'Rangga Ariansyah'),
(3, 'kasirfiki', 'kasirfiki123', 'Kasir', 'Fiki Aji Panuntun');

insert into montir (id_montir, nama_montir, no_telepon, alamat) values
(1, 'Dhiwa Gemilang Pramdhani', '081212131953', 'Bogor'),
(2, 'Rizki Ramadhan', '085622778921', 'Ciputat'),
(3, 'Bima Darmaja Suryatama', '089899882273', 'Pondok Cabe');

insert into customer (id_customer, nama_customer, no_telepon, alamat) values
(1, 'Fariz Septiawan', '081212341234', 'Alam Sutra'),
(2, 'Aldo Hermawan Suryana', '089621236545', 'Graha Raya'),
(3, 'Ragil Ramadhan', '085642126638', 'Serpong');

insert into barang (id_barang, nama_barang, stok_barang, harga_beli, harga_jual) values
(1, 'Oli', 12, 35000, 40000),
(2, 'Kampas Rem', 50, 50000, 56000),
(3, 'Minyak Rem', 10, 20000, 25000),
(4, 'Van Belt Matic', 6, 35000, 40000);

insert into servis (id_servis, id_customer, id_montir, biaya_servis, keterangan) values

```

```
(1, 1, 1, 120000, 'Ganti Kampas Rem dan Ganti Van Belt'),  
(2, 2, 2, 30000, 'Ganti Oli'),  
(3, 3, 3, 35000, 'Ganti Minyak Rem');
```

```
insert into barang_servis (id_barang_servis, id_servis, id_barang, jumlah_barang,  
subtotal_harga) values  
(1, 1, 2, 1, 56000),  
(2, 1, 4, 1, 40000),  
(3, 2, 1, 1, 40000),  
(4, 3, 3, 2, 50000);
```

```
insert into transaksi (id_transaksi, id_user_bengkel, id_servis, tanggal_transaksi,  
total_harga, keterangan) values  
(1, 2, 1, '2022-11-21 10:38:59', 216000, 'Biaya Ganti Kampas Rem, Ganti Van Belt, Beli  
Kampas Rem dan Van Belt Baru'),  
(2, 3, 2, '2022-11-21 13:45:59', 70000, 'Biaya Ganti Oli dan Beli Oli'),  
(3, 2, 3, '2022-11-21 17:08:59', 85000, 'Biaya Ganti Minyak Rem dan Beli Minyak Rem');
```

```
select * from user_bengkel;
```

```
select * from montir;
```

```
select * from customer;
```

```
select * from barang;
```

```
select * from servis;
```

```
select * from barang_servis;
```

```
select * from barang_servis where id_servis = 1;
```

```
select * from transaksi;
```

```
select tanggal_transaksi, transaksi.keterangan, user_bengkel.nama_lengkap,  
customer.nama_customer, servis.keterangan,  
montir.nama_montir, servis.biaya_servis, barang_servis.subtotal_harga, total_harga  
from  
transaksi
```

```
inner join user_bengkel on transaksi.id_user_bengkel =  
user_bengkel.id_user_bengkel  
inner join servis on transaksi.id_servis = servis.id_servis  
inner join barang_servis on barang_servis.id_servis = servis.id_servis  
inner join barang on barang.id_barang = barang_servis.id_barang  
inner join montir on montir.id_montir = servis.id_montir  
inner join customer on customer.id_customer = servis.id_customer;
```