

Kelompok 2 bengkel_motor kelas 05TPLP016:

Andri Firman Saputra	201011402125
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```
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,
```

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        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;
```