

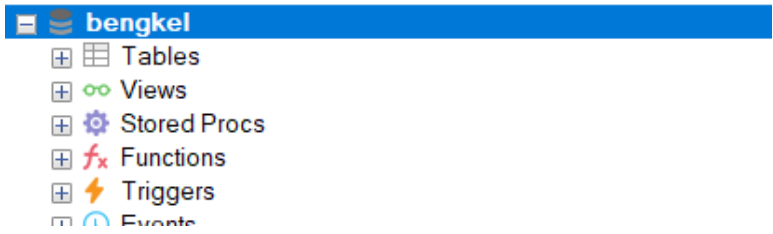
PRAKTIKUM 6 PEMROGRAMAN BASIS DATA “DATABASE BENGKEL”

Nama : Made Baihaqi Aji Kumuda

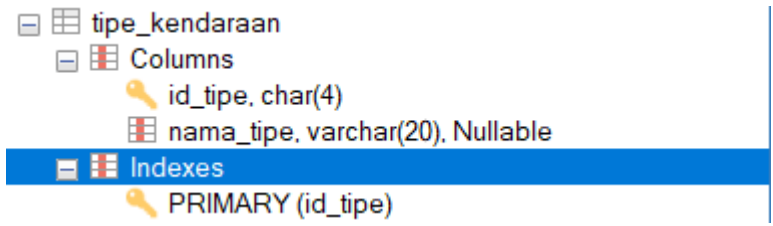
NIM : 152011513029

SOAL PRAKTIKUM

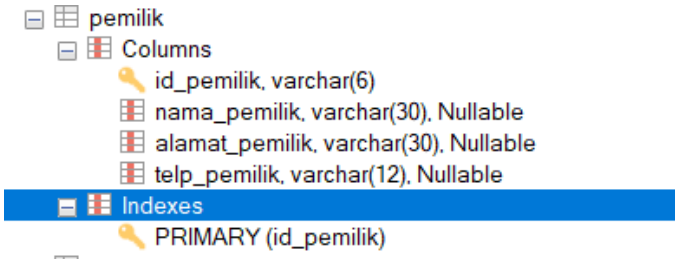
1. Membuat Database Bengkel

Code	CREATE DATABASE BENGKEL
Hasil	

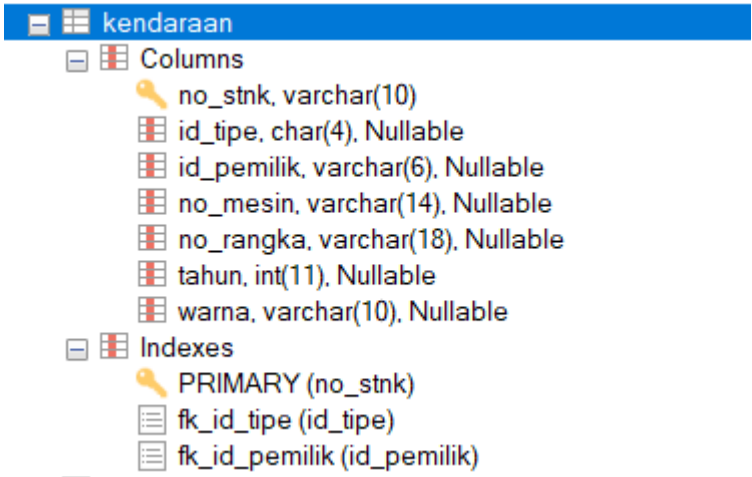
2. Membuat table tipe_kendaraan

Code	<pre>CREATE TABLE tipe_kendaraan(id_tipe CHAR(4), nama_tipe VARCHAR(20), CONSTRAINT pk_tipe_kendaraan PRIMARY KEY (id_tipe));</pre>
Hasil	

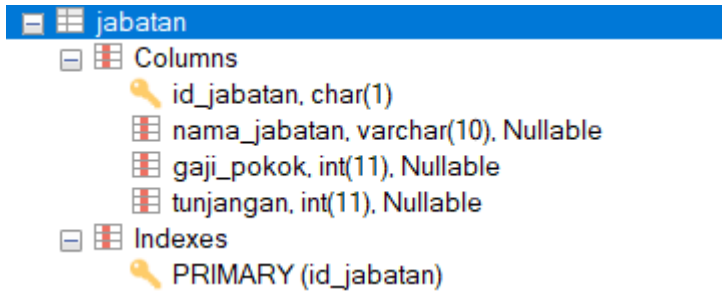
3. Membuat table pemilik

Code	<pre>CREATE TABLE pemilik(id_pemilik VARCHAR(6), nama_pemilik VARCHAR(30), alamat_pemilik VARCHAR(30), telp_pemilik VARCHAR(12), CONSTRAINT pk_pemilik PRIMARY KEY(id_pemilik));</pre>
Hasil	

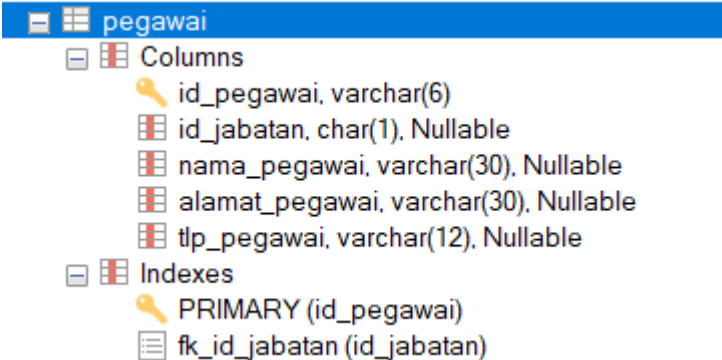
4. Membuat table kendaraan

Code	<pre>CREATE TABLE kendaraan(no_stnk VARCHAR(10), id_tipe CHAR(4), id_pemilik VARCHAR(6), no_mesin VARCHAR(14), no_rangka VARCHAR(18), tahun INT, warna VARCHAR(10), CONSTRAINT pk_kendaraan PRIMARY KEY (no_stnk), CONSTRAINT fk_id_tipe FOREIGN KEY (id_tipe) REFERENCES tipe_kendaraan(id_tipe), CONSTRAINT fk_id_pemilik FOREIGN KEY (id_pemilik) REFERENCES pemilik(id_pemilik));</pre>
Hasil	

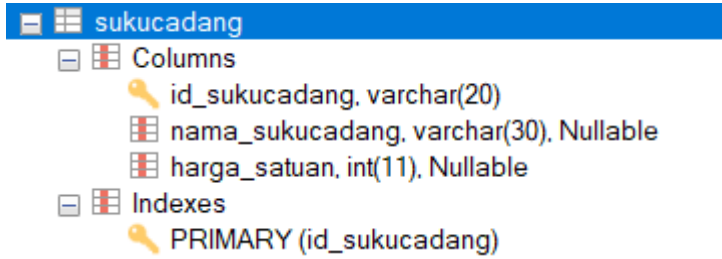
5. Membuat table jabatan

Code	<pre>CREATE TABLE jabatan(id_jabatan CHAR(1), nama_jabatan VARCHAR(10), gaji_pokok INT, tunjangan INT, CONSTRAINT pk_jabatan PRIMARY KEY (id_jabatan));</pre>
Hasil	

6. Membuat table pegawai

Code	<pre>CREATE TABLE pegawai(id_pegawai VARCHAR(6), id_jabatan CHAR(1), nama_pegawai VARCHAR(30), alamat_pegawai VARCHAR(30), telp_pegawai VARCHAR(12), CONSTRAINT pk_pegawai PRIMARY KEY (id_pegawai), CONSTRAINT fk_id_jabatan FOREIGN KEY (id_jabatan) REFERENCES jabatan(id_jabatan));</pre>
Hasil	

7. Membuat table sukucadang

Code	<pre>CREATE TABLE sukucadang(id_sukucadang VARCHAR(20), nama_sukucadang VARCHAR(30), harga_satuan INT, CONSTRAINT pk_sukucadang PRIMARY KEY (id_sukucadang));</pre>
Hasil	

8. Membuat table nota_sukucadang

Code	<pre>CREATE TABLE nota_sukucadang(no_nota_sukucadang VARCHAR(7), id_pkb VARCHAR(5), tgl_nota_sukucadang DATE, CONSTRAINT pk_nota_sukucadang PRIMARY KEY (no_nota_sukucadang), CONSTRAINT fk_nota_id_pkb FOREIGN KEY (id_pkb) REFERENCES pkb(id_pkb));</pre>
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9. Membuat table detail_nota_sukucadang

Code	<pre>CREATE TABLE detail_nota_sukucadang(no_nota_sukucadang VARCHAR(7), id_sukucadang VARCHAR(20), banyak INT, CONSTRAINT pk_detail_nota_sukucadang PRIMARY KEY (no_nota_sukucadang, id_sukucadang), CONSTRAINT fk_detail_no_nota_sukucadang FOREIGN KEY (no_nota_sukucadang) REFERENCES nota_sukucadang(no_nota_sukucadang), CONSTRAINT fk_detail_id_sukucadang FOREIGN KEY (id_sukucadang) REFERENCES sukucadang(id_sukucadang));</pre>
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10. Membuat table jasabengkel

Code	<pre>CREATE TABLE jasabengkel(id_jasa VARCHAR(4), nama_jasa VARCHAR(30), biaya_jasa INT, CONSTRAINT pk_jasabengkel PRIMARY KEY (id_jasa));</pre>
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11. Membuat table nota_jasa

Code	<pre>CREATE TABLE nota_jasa(id_nota_jasa VARCHAR(5), id_pkb VARCHAR(5), tgl_nota_jasa DATE, CONSTRAINT pk_nota_jasa PRIMARY KEY(id_nota_jasa), CONSTRAINT fk_nota_jasa_id_pkb FOREIGN KEY (id_pkb) REFERENCES pkb(id_pkb));</pre>
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12. Membuat table detail_nota_jasa

Code	<pre>CREATE TABLE detail_nota_jasa(id_nota_jasa VARCHAR (5), id_jasa VARCHAR(4), CONSTRAINT pk_detail_nota_jasa PRIMARY KEY(id_nota_jasa, id_jasa), CONSTRAINT fk_detail_id_nota_jasa FOREIGN KEY (id_nota_jasa) REFERENCES nota_jasa (id_nota_jasa), CONSTRAINT fk_detail_id_jasa FOREIGN KEY (id_jasa) REFERENCES jasabengkel(id_jasa));</pre>
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13. Membuat table perintah_kerja

Code	<pre>CREATE TABLE perintah_kerja(id_perintah_kerja VARCHAR(4), nama_perintah_kerja VARCHAR(30), harga_layanan INT, CONSTRAINT pk_perintah_kerja PRIMARY KEY(id_perintah_kerja));</pre>
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14. Membuat table meminta

Code	<pre>CREATE TABLE meminta(id_pkb VARCHAR(5), id_perintah_kerja VARCHAR(4), CONSTRAINT pk_meminta PRIMARY KEY(id_pkb, id_perintah_kerja), CONSTRAINT fk_meminta_id_pkb FOREIGN KEY(id_pkb) REFERENCES pkb(id_pkb), CONSTRAINT fk_meminta_id_perintah_kerja FOREIGN KEY (id_perintah_kerja) REFERENCES perintah_kerja(id_perintah_kerja);</pre>
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15. Membuat table pkb

Code	<pre>CREATE TABLE pkb(id_pkb VARCHAR(5), no_stnk VARCHAR(10), id_pegawai VARCHAR(6), no_nota_sukucadang VARCHAR(7), id_nota_jasa VARCHAR(5), tgl_terima DATE, jam_terima TIME, km_terakhir INT, waktu_pengerjaan INT, CONSTRAINT pk_pkb PRIMARY KEY (id_pkb), CONSTRAINT fk_pkb_no_stnk FOREIGN KEY (no_stnk) REFERENCES kendaraan(no_stnk), CONSTRAINT fk_pkb_id_pegawai FOREIGN KEY (id_pegawai) REFERENCES pegawai(id_pegawai), CONSTRAINT fk_pkb_no_nota_sukucadang FOREIGN KEY(no_nota_sukucadang) REFERENCES nota_sukucadang(no_nota_sukucadang), CONSTRAINT fk_pkb_id_nota_jasa FOREIGN KEY (id_nota_jasa) REFERENCES nota_jasa(id_nota_jasa));</pre>
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