

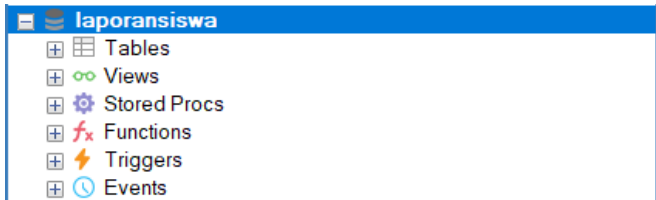
PRAKTIKUM 6 PEMROGRAMAN BASIS DATA DDL

Nama : Made Baihaqi Aji Kumuda

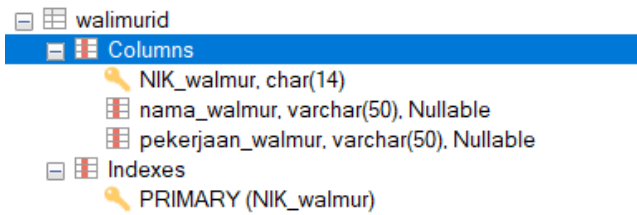
NIM : 152011513029

SOAL PRAKTIKUM

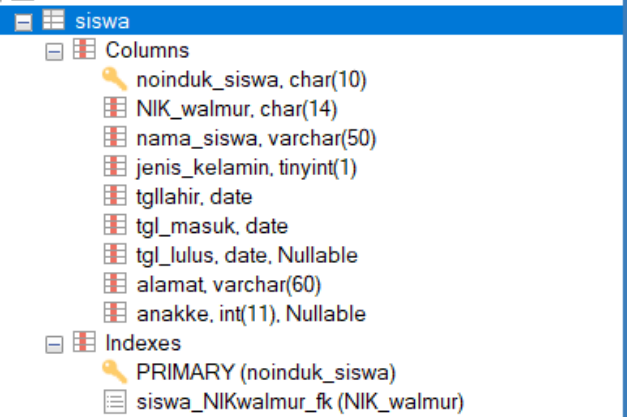
1. Membuat Database LaporanSiswa

Code	CREATE DATABASE LAPORANSISWA
Hasil	

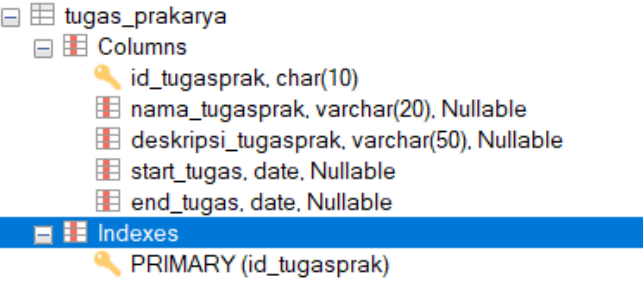
2. Membuat table walimurid

Code	<pre>CREATE TABLE walimurid(NIK_walmur CHAR(14), nama_walmur VARCHAR(50), pekerjaan_walmur VARCHAR(50), CONSTRAINT walimurid_NIK_walmur_pk PRIMARY KEY (NIK_walmur)</pre>
Hasil	

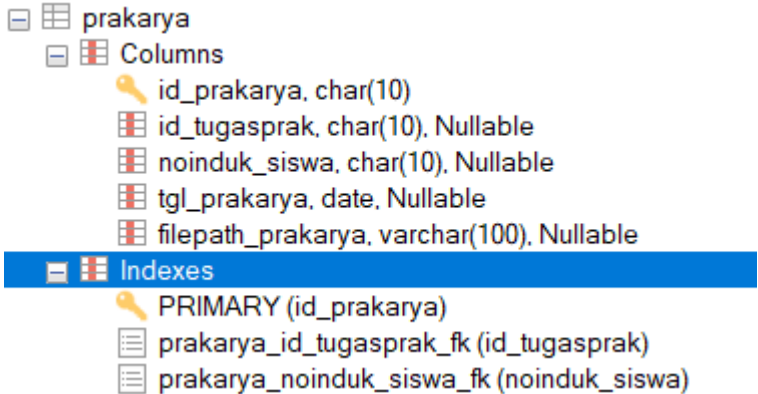
3. Membuat table siswa

Code	<pre>CREATE TABLE siswa (noinduk_siswa CHAR(10), NIK_walmur CHAR(14) NOT NULL, nama_siswa VARCHAR (50) NOT NULL, jenis_kelamin BOOLEAN NOT NULL, tgllahir DATE NOT NULL, tgl_masuk DATE NOT NULL, tgl_lulus DATE, alamat VARCHAR(60) NOT NULL, anakke INT, CONSTRAINT siswa_noinduk_siswa_pk PRIMARY KEY(noinduk_siswa), CONSTRAINT siswa_NIKwalmur_fk FOREIGN KEY (NIK_walmur) REFERENCES walimurid (NIK_walmur)</pre>
Hasil	

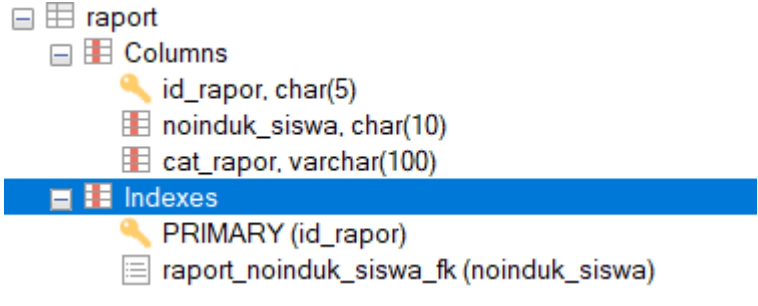
4. Membuat table tugas_prakarya

Code	<pre>CREATE TABLE tugas_prakarya (id_tugasprak CHAR(10), nama_tugasprak VARCHAR(20), deskripsi_tugasprak VARCHAR(50), start_tugas DATE, end_tugas DATE, CONSTRAINT tugas_prakarya_id_tugasprak_pk PRIMARY KEY(id_tugasprak));</pre>
Hasil	

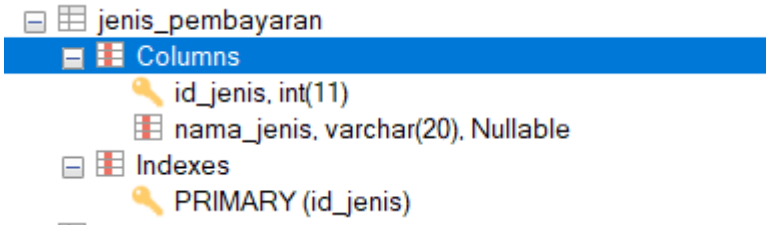
5. Membuat table prakarya

Code	<pre>CREATE TABLE prakarya (id_prakarya CHAR(10), id_tugasprak CHAR(10), noinduk_siswa CHAR(10), tgl_prakarya DATE, filepath_prakarya VARCHAR(100), CONSTRAINT rakarya_id_prakarya_pk PRIMARY KEY (id_prakarya), CONSTRAINT prakarya_id_tugasprak_fk FOREIGN KEY (id_tugasprak) REFERENCES tugas_prakarya (id_tugasprak), CONSTRAINT prakarya_noinduk_siswa_fk FOREIGN KEY (noinduk_siswa) REFERENCES siswa (noinduk_siswa));</pre>
Hasil	

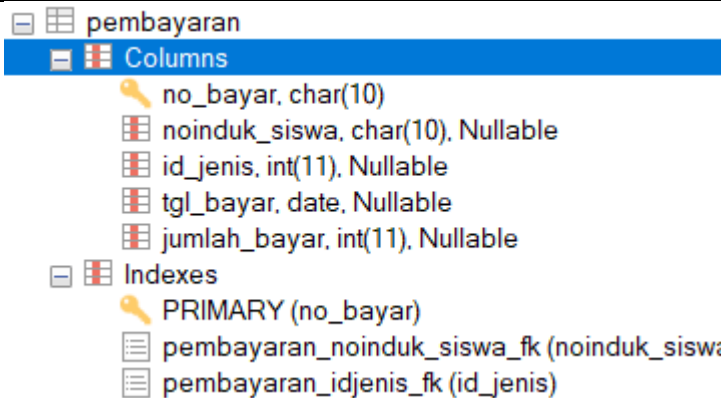
6. Membuat table raport

Code	<pre>CREATE TABLE raport(id_rapor CHAR(5) NOT NULL, noinduk_siswa CHAR(10) NOT NULL, cat_rapor VARCHAR(100) NOT NULL, CONSTRAINT raport_id_rapor_pk PRIMARY KEY (id_rapor), CONSTRAINT raport_noinduk_siswa_fk FOREIGN KEY (noinduk_siswa) REFERENCES siswa (noinduk_siswa));</pre>
Hasil	

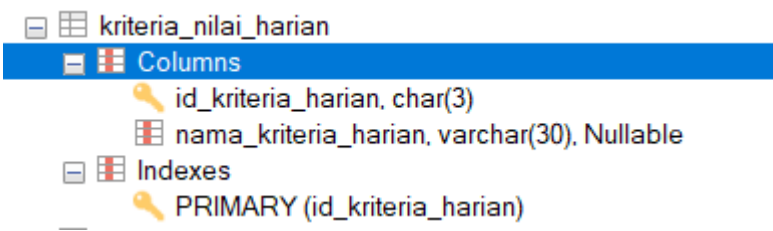
7. Membuat table jenis_pembayaran

Code	<pre>CREATE TABLE jenis_pembayaran (id_jenis INT, nama_jenis VARCHAR(20), CONSTRAINT jenis_pembayaran_idjenis_pk PRIMARY KEY (id_jenis));</pre>
Hasil	

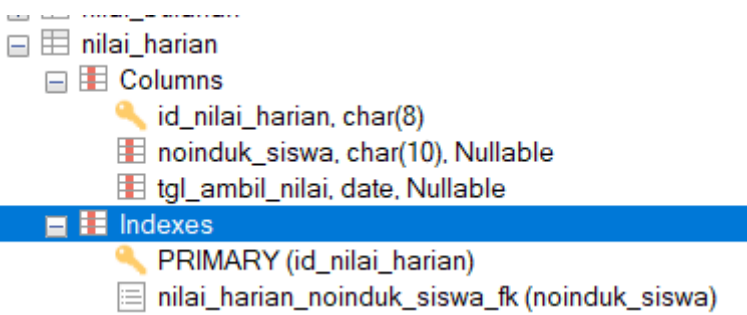
8. Membuat table pembayaran

Code	<pre>CREATE TABLE pembayaran(no_bayar CHAR(10), noinduk_siswa CHAR(10), id_jenis INT, tgl_bayar DATE, jumlah_bayar INT , CONSTRAINT pembayaran_no_bayar_pk PRIMARY KEY (no_bayar), CONSTRAINT pembayaran_noinduk_siswa_fk FOREIGN KEY (noinduk_siswa) REFERENCES siswa (noinduk_siswa), CONSTRAINT pembayaran_idjenis_fk FOREIGN KEY (id_jenis) REFERENCES jenis_pembayaran (id_jenis));</pre>
Hasil	


9. Membuat table kriteria_nilai_harian

Code	<pre>CREATE TABLE kriteria_nilai_harian (id_kriteria_harian CHAR(3), nama_kriteria_harian VARCHAR(30), CONSTRAINT kriteria_nilai_harian_id_kriteria_harian_pk PRIMARY KEY (id_kriteria_harian));</pre>
Hasil	

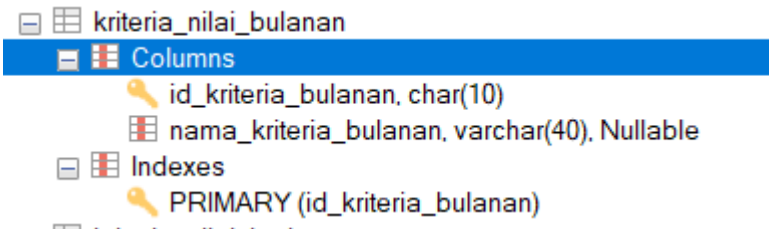
10. Membuat table nilai_harian

Code	<pre>CREATE TABLE nilai_harian(id_nilai_harian CHAR(8), noinduk_siswa CHAR(10), tgl_ambil_nilai DATE, CONSTRAINT nilai_harian_id_nilai_harian_pk PRIMARY KEY (id_nilai_harian), CONSTRAINT nilai_harian_noinduk_siswa_fk FOREIGN KEY (noinduk_siswa) REFERENCES siswa (noinduk_siswa));</pre>
Hasil	

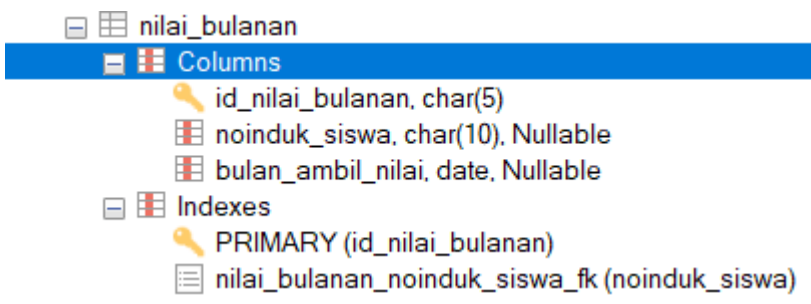
11. Membuat table terdiri

Code	<pre>CREATE TABLE terdiri (id_nilai_harian CHAR(8), id_kriteria_harian CHAR(3), CONSTRAINT kriteriaharian_idkriteria_nilaiharian_pk PRIMARY KEY (id_kriteria_harian,id_nilai_harian), CONSTRAINT terdiri_nilaiharian_fk FOREIGN KEY (id_nilai_harian) REFERENCES nilai_harian (id_nilai_harian), CONSTRAINT terdiri_idkriteria_fk FOREIGN KEY (id_kriteria_harian) REFERENCES kriteria_nilai_harian (id_kriteria_harian));</pre>
Hasil	

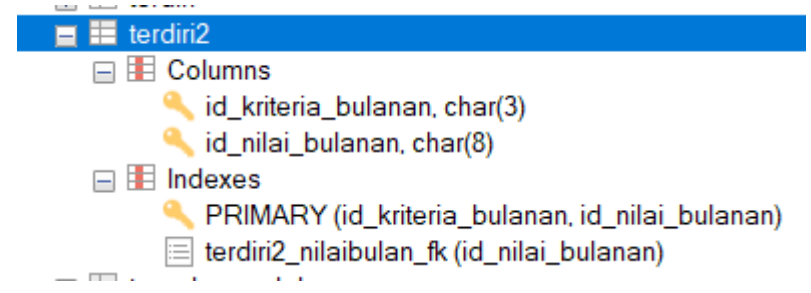
12. Membuat table kriteria_nilai_bulanan

Code	<pre>CREATE TABLE kriteria_nilai_bulanan (id_kriteria_bulanan CHAR(10), nama_kriteria_bulanan VARCHAR(40), CONSTRAINT kriteria_nilai_bulanan_id_kriteria_bulanan_pk PRIMARY KEY (id_kriteria_bulanan));</pre>
Hasil	

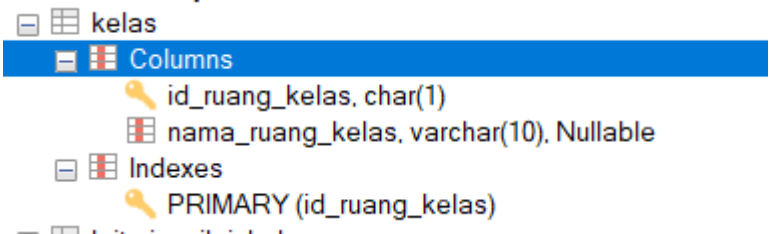
13. Membuat table nilai bulanan

Code	<pre>CREATE TABLE nilai_bulanan (id_nilai_bulanan CHAR(5), noinduk_siswa CHAR(10), bulan_ambil_nilai DATE , CONSTRAINT nilai_bulanan_id_nilai_bulanan_pk PRIMARY KEY (id_nilai_bulanan), CONSTRAINT nilai_bulanan_noinduk_siswa_fk FOREIGN KEY (noinduk_siswa) REFERENCES siswa (noinduk_siswa));</pre>
Hasil	

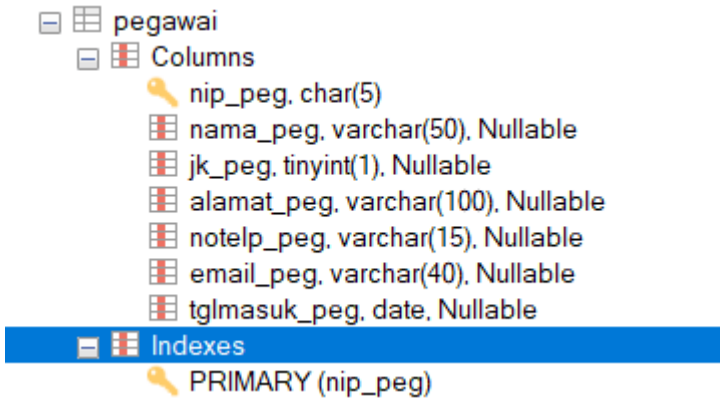
14. Membuat table terdiri2

Code	<pre>CREATE TABLE terdiri2 (id_kriteria_bulanan CHAR(3), id_nilai_bulanan CHAR(8), CONSTRAINT kriteriabulanan_idkriteriabulan_nilaibulanan_pk PRIMARY KEY (id_kriteria_bulanan,id_nilai_bulanan), CONSTRAINT terdiri2_idkriteriabulan_fk FOREIGN KEY (id_kriteria_bulanan) REFERENCES kriteria_nilai_bulanan (id_kriteria_bulanan), CONSTRAINT terdiri2_nilaibulan_fk FOREIGN KEY (id_nilai_bulanan) REFERENCES nilai_bulanan (id_nilai_bulanan));</pre>
Hasil	

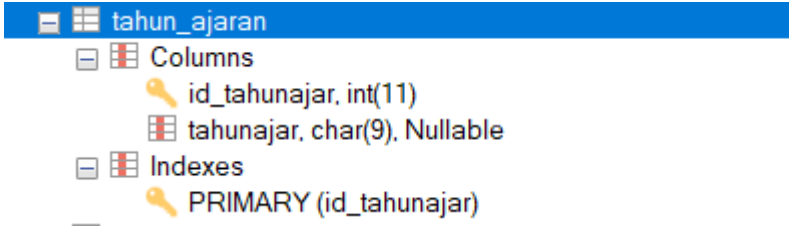
15. Membuat table kelas

Code	<pre>CREATE TABLE kelas (id_ruang_kelas CHAR(1), nama_ruang_kelas VARCHAR (10), CONSTRAINT kelas_id_ruangkelas_pk PRIMARY KEY (id_ruang_kelas));</pre>
Hasil	

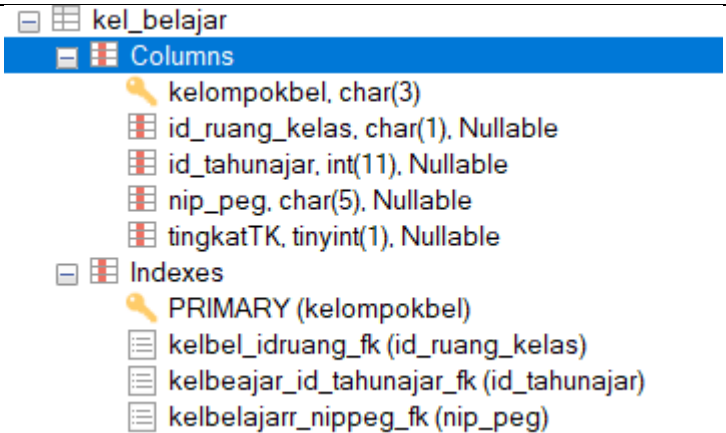
16. Membuat table pegawai

Code	<pre>CREATE TABLE pegawai (nip_peg CHAR (5), nama_peg VARCHAR(50), jk_peg BOOLEAN, alamat_peg VARCHAR(100), notelp_peg VARCHAR(15), email_peg VARCHAR (40), tglmasuk_peg DATE , CONSTRAINT pegawai_nip_peg_pk PRIMARY KEY (nip_peg));</pre>
Hasil	

17. Membuat table tahun_ajaran

Code	<pre>CREATE TABLE tahun_ajaran (id_tahunajar INT , tahunajar CHAR(9), CONSTRAINT tahun_ajaran_id_tahunajar_pk PRIMARY KEY (id_tahunajar));</pre>
Hasil	

18. Membuat table kel_belajar

Code	<pre>CREATE TABLE kel_belajar (kelompokbel CHAR(3), id_ruang_kelas CHAR(1), id_tahunajar INT, nip_peg CHAR(5), tingkatTK BOOLEAN, CONSTRAINT kelbelajar_kelompokbel_pk PRIMARY KEY (kelompokbel), CONSTRAINT kelbel_idruang_fk FOREIGN KEY (id_ruang_kelas) REFERENCES kelas (id_ruang_kelas), CONSTRAINT kelbeajar_id_tahunajar_fk FOREIGN KEY (id_tahunajar) REFERENCES tahun_ajaran (id_tahunajar), CONSTRAINT kelbelajarr_nippeg_fk FOREIGN KEY (nip_peg) REFERENCES pegawai (nip_peg));</pre>
Hasil	

19. Membuat table tergabung_dalam

Code	<pre>CREATE TABLE tergabung_dalam (noinduk_siswa CHAR(10), kelompokbel CHAR(3), CONSTRAINT tegabungdlm_noinduksiswa_kelompokbel_pk PRIMARY KEY (noinduk_siswa,kelompokbel), CONSTRAINT tergabungdalam_noinduksiswa_fk FOREIGN KEY (noinduk_siswa) REFERENCES siswa (noinduk_siswa), CONSTRAINT tergabungdalam_kelompokbel_fk FOREIGN KEY (kelompokbel) REFERENCES kel_belajar (kelompokbel));</pre>
Hasil	