TUGAS BASIS DATA

NAMA : MUHAMMAD NUR ALFIANSYAH

KELAS : 2-C SISTEM INFORMASI

NPM : 2371020139

MATA KULIAH: BASIS DATA

**USE** dbuas2371020139;

**CREATE** **TABLE** provinsi (

kode **INT** **NOT** **NULL**,

provinsi **VARCHAR** (30),

ibukota **INT**,

kotamadya **VARCHAR** (20),

**PRIMARY** **KEY** (kode));

**CREATE** **TABLE** Identitas (

no\_id **CHAR** (4) **NOT** **null** **PRIMARY** **KEY**,

nama\_lengkap **VARCHAR** (50),

jeniskelamin **INT**,

kode **INT**,

**FOREIGN** **KEY** (kode)

**REFERENCES** provinsi(kode));

**ALTER** **TABLE** provinsi

**ADD** capital **VARCHAR** (30);

**ALTER** **TABLE** identitas

**ADD** birthday **VARCHAR**(10),

**ADD** addres **VARCHAR** (30),

**ADD** tempat\_lahir **INT**,

**ADD** nohp **VARCHAR** (12);

**ALTER** **TABLE** identitas

**CHANGE** no\_id no\_identitas **VARCHAR** (8);

**ALTER** **TABLE** identitas

**CHANGE** jeniskelamin gender **CHAR** (1);

**ALTER** **TABLE** identitas

**CHANGE** nama\_lengkap full\_name **VARCHAR** (15);

**ALTER** **TABLE** provinsi

**DROP** **COLUMN** ibukota,

**DROP** **COLUMN** kotamadya;

**ALTER** **TABLE** identitas

**DROP** **COLUMN** tempat\_lahir,

**DROP** **COLUMN** nohp;

**INSERT** **INTO** provinsi(kode,provinsi,capital) **VALUES**

(1,'sumatera utara','medan');

**INSERT** **INTO** provinsi(kode,provinsi,capital) **VALUES**

(2,'sumatera selatan','palembang');

**INSERT** **INTO** provinsi(kode,provinsi,capital) **VALUES**

(3,'sumatera barat','padang');

**INSERT** **INTO** provinsi(kode,provinsi,capital) **VALUES**

(4,'riau','pekanbaru');

**INSERT** **INTO** provinsi(kode,provinsi,capital) **VALUES**

(5, 'Lampung', 'Bandar Lampung');

**INSERT** **INTO** identitas

(no\_identitas, full\_name, gender, birthday, addres, kode) **VALUES**

('09111086', 'Suwamo', 'M', '13/12/1990', 'pringsewu', 5),

('09112022', 'Setiorini', 'F', '12/12/1987', 'batanghari', 4),

('09112033', 'Yuli Anto', 'M', '01/14/1986', 'pariaman', 3),

('09112064', 'Nur Suci', 'F', '01/15/1986', 'pringsewu', 5),

('09112081', 'Zaenal', 'M', '01/11/1987', 'pariaman', 3),

('10112008', 'Eka Yani', 'F', '01/12/1991', 'lahat', 2),

('10112077', 'Dian Sulis', 'M', '11/11/1986', 'belitung', 1),

('10112099', 'Aticha', 'F', '10/10/1987', 'lahat', 2);

**UPDATE** Identitas **SET** full\_name = 'Husnun', birthday = '01/02/2000', addres = 'kelinci' **WHERE** no\_identitas = '09112022';

**UPDATE** Identitas **SET** full\_name = 'Rifda', gender = 'F', addres = 'kerinci', kode = 4 **WHERE** no\_identitas = '09112022' **AND** birthday = '10/11/1987';

**SELECT** full\_name, gender, addres, birthday **FROM** Identitas **WHERE** birthday = '11/11/1986';

**SELECT** full\_name, no\_identitas, gender **FROM** Identitas **WHERE** addres = 'lahat' **AND** gender = 'M';

**SELECT** full\_name, gender, birthday, p.provinsi **FROM** Identitas i **JOIN** Provinsi p **ON** i.kode = p.kode **WHERE** birthday = '10/10/1987' **OR** addres = 'batanghari';

**SELECT** no\_identitas, full\_name, gender, birthday, addres, p.provinsi, p.capital **FROM** Identitas i **JOIN** Provinsi p **ON** i.kode = p.kode **WHERE** gender = 'F' **AND** p.capital = 'Palembang' **AND** birthday >= '1990-01-01';

**DELETE** **FROM** Identitas **WHERE** **SUBSTR**(full\_name, 1, 1) = 'Z' **AND** birthday < '1990-01-01';

**DELETE** **FROM** Identitas **WHERE** gender = 'M' **AND** kode = (**SELECT** kode **FROM** Provinsi **WHERE** provinsi = 'Lampung');

**UPDATE** Provinsi **SET** provinsi = 'Jambi', capital = 'Jambi' **WHERE** kode = 4;

**UPDATE** Provinsi **SET** provinsi = 'Bangka Belitung', capital = 'Pangkal Pinang' **WHERE** kode = 1;





