# TEORI BASIS DATA

Dosen Pengajar : Bapak Farid Angga Pribadi, S.Kom., M.Kom



Nama : Surya Rahmat Fatahillah

NIM : 2341760020

Prodi : Sistem Informasi Bisnis

# JURUSAN TEKNOLOGI INFORMASI POLITEKNIK NEGERI MALANG 2024

# SOAL!

# 

# JAWABAN!

# Berikut merupakan urutan perintah yang digunakan dalam pembuatan Database data Pegawai!

# Langkah 1:

# - mysql -u root -p

# 

# Langkah 2:

# - create database Data\_Pegawai;

# 

# Langkah 3:

# - use Data\_Pegawai;

# 

# Langkah 4:

# - create table proyek (

# no\_proyek varchar (10) not null primary key,

# nama\_proyek varchar (10) not null,

# constraint no\_proyek\_format check (no\_proyek like 'NP%'));

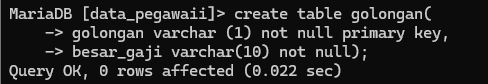
# 

# Langkah 5:

- create table golongan (

golongan varchar (1) not null primary key,

besar\_gaji varchar(10) not null);



# Langkah 6:

- create table pegawai (

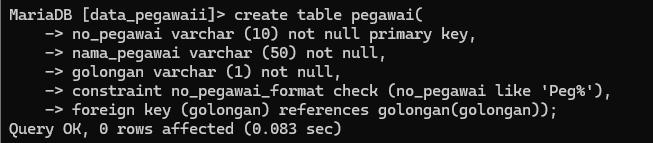
no\_pegawai varchar (10) not null primary key,

nama\_pegawai varchar (50) not null,

golongan varchar (1) not null,

constraint no\_pegawai\_format check (no\_pegawai like 'Peg%'),

foreign key (golongan) references golongan(golongan));



# Langkah 7:

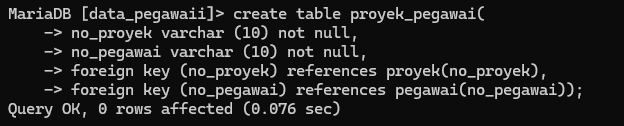
- create table proyek\_pegawai (

no\_proyek varchar (10) not null,

no\_pegawai varchar (10) not null,

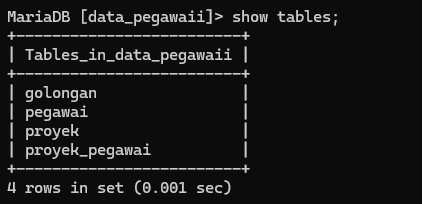
foreign key (no\_proyek) references proyek(no\_proyek),

foreign key (no\_pegawai) references pegawai(no\_pegawai));



# Langkah 8:

- show tables;



# Langkah 9:

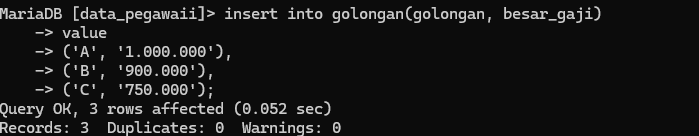
- insert into golongan(golongan, besar\_gaji)

-> value

-> ('A', '1.000.000'),

-> ('B', '900.000'),

-> ('C', '750.000');



# Langkah 10:

# - insert into pegawai(no\_pegawai, nama\_pegawai, golongan)

# -> value

# -> ('Peg01', 'Anton', 'A'),

# -> ('Peg02', 'Paula', 'B'),

# -> ('Peg06', 'Koko', 'C'),

# -> ('Peg12', 'Sita', 'B'),

# -> ('Peg14', 'Yusni', 'B');

# 

# Langkah 11:

# - insert into proyek(no\_proyek, nama\_proyek)

# -> value

# -> ('NP001', 'BRR'),

# -> ('NP002', 'PEMDA');

# 

# Langkah 12:

# - insert into proyek\_pegawai(no\_proyek, no\_pegawai)

# -> value

# -> ('NP001', 'Peg01'),

# -> ('NP001', 'Peg02'),

# -> ('NP001', 'Peg06'),

# -> ('NP002', 'Peg01'),

# -> ('NP002', 'Peg12'),

# -> ('NP002', 'Peg14');

# 

# Langkah 13:

# - select\* from golongan;

# - select\* from proyek;

# - select\* from pegawai;

# - select\* from proyek\_pegawai;

# 