**Buat DB**

postgres=# Create Database movie;

**Masuk databse movie**

postgres-# \c movie

You are now connected to database "movie" as user "postgres".

**Create Table**

movie=# create table actor (

movie(# act\_id int primary key,

movie(# act\_fname varchar,

movie(# act\_lname varchar,

movie(# act\_gender varchar

movie(# );

CREATE TABLE

**Melihat tabel**

movie-# \d

List of relations

Schema | Name | Type | Owner

--------+-----------------+-------+----------

public | actor | table | postgres

public | director | table | postgres

public | genres | table | postgres

public | movie | table | postgres

public | movie\_cast | table | postgres

public | movie\_direction | table | postgres

public | movie\_genres | table | postgres

public | rating | table | postgres

public | reviewer | table | postgres

(9 rows)

**Insert Tabel**

movie=# INSERT INTO actor (act\_id,act\_fname,act\_lname,act\_gender) VALUES

movie-# ('101','James','Stewart','M'),

movie-# ('102','Deborah','Kerr','F'),

movie-# ('103','Peter','OToole','M'),

movie-# ('104','Robert','De Niro','M'),

movie-# ('105','F. Murray','Abraham','M'),

movie-# ('106','Harrison','Ford','M'),

movie-# ('107','Nicole','Kidman','F'),

movie-# ('108','Stephen','Baldwin','M'),

movie-# ('109','Jack','Nicholson','M'),

movie-# ('110','Mark','Wahlberg','M'),

movie-# ('111','Woody','Allen','M'),

movie-# ('112','Claire','Danes','F'),

movie-# ('113','Tim','Robbins','M'),

movie-# ('114','Kevin','Spacey','M'),

movie-# ('115','Kate','Winslet','F'),

movie-# ('116','Robin','Williams','M'),

movie-# ('117','Jon','Voight','M'),

movie-# ('118','Ewan','McGregor','M'),

movie-# ('119','Christian','Bale','M'),

movie-# ('120','Maggie','Gyllenhaal','F'),

movie-# ('121','Dev','Patel','M'),

movie-# ('122','Sigourney','Weaver','F'),

movie-# ('123','David','Aston','M'),

movie-# ('124','Ali','Astin','F');

INSERT 0 24

**Basic SQL Command**

movie=# Select \* From actor;

act\_id | act\_fname | act\_lname | act\_gender

--------+-----------+------------+------------

101 | James | Stewart | M

102 | Deborah | Kerr | F

103 | Peter | OToole | M

104 | Robert | De Niro | M

105 | F. Murray | Abraham | M

106 | Harrison | Ford | M

107 | Nicole | Kidman | F

108 | Stephen | Baldwin | M

109 | Jack | Nicholson | M

110 | Mark | Wahlberg | M

111 | Woody | Allen | M

112 | Claire | Danes | F

113 | Tim | Robbins | M

114 | Kevin | Spacey | M

115 | Kate | Winslet | F

116 | Robin | Williams | M

117 | Jon | Voight | M

118 | Ewan | McGregor | M

119 | Christian | Bale | M

120 | Maggie | Gyllenhaal | F

121 | Dev | Patel | M

122 | Sigourney | Weaver | F

123 | David | Aston | M

124 | Ali | Astin | F

(24 rows)

**Melihat banyaknya film berdasarkan bahasa**

movie=# select mov\_lang, count(mov\_id) from movie group by mov\_lang;

mov\_lang | count

----------+-------

English | 25

Japanese | 3

(2 rows)

**Pemakaian statemen kondisi**

**Memberikan lavel pada kondisi film berdasarkan rating**

movie=# select mov\_id, rev\_stars,

movie-# case

movie-# when rev\_stars between 0 and 5 then 'film jelek'

movie-# when rev\_stars between 5 and 7 then 'film lumayan'

movie-# when rev\_stars between 7 and 10 then 'film bagus'

movie-# else 'belum ada rating'

movie-# end as status\_rating

movie-# from rating;

mov\_id | rev\_stars | status\_rating

--------+-----------+------------------

901 | 8.40 | film bagus

902 | 7.90 | film bagus

903 | 8.30 | film bagus

906 | 8.20 | film bagus

924 | 7.30 | film bagus

908 | 8.60 | film bagus

909 | | belum ada rating

910 | 3.00 | film jelek

911 | 8.10 | film bagus

912 | 8.40 | film bagus

914 | 7.00 | film lumayan

915 | 7.70 | film bagus

916 | 4.00 | film jelek

925 | 7.70 | film bagus

918 | | belum ada rating

920 | 8.10 | film bagus

921 | 8.00 | film bagus

922 | 8.40 | film bagus

923 | 6.70 | film lumayan

(19 rows)

**Latihan**