

## Buat DB

```
postgres=# Create Database movie;
```

## Masuk database 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

```

mov_lang	count
English	25
Japanese	3

(2 rows)

## Pemakaian statemen kondisi

### Memberikan level 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