

Artists Database

- **Artists;**
- **Art** (Acting, Singing, Dancing, Painting, ...);
- **Styles**
 - (*Acting*) → 'Drama', 'Action', 'Comedy', ...
 - (*Singing*) → 'Pop', 'Rock', 'Classic', ...
 - (*Dancing*) → 'Contemporary', 'Hip-Hop', 'Tap', ...
 - (Painting) → 'Abstract', 'Realism', 'Modernism', ...
- **Example**
 - 'Acting' → Tom Hanks (styles: Drama, Comedy)
 - 'Singing' → Elvis Presley (styles: Pop, Rock)
- **Movies; Albums**
- **Countries;**

```
# =====
```

```
# Exercise 1: Display actors and their movies, sorted by 'actor'.
```

Partial output ...

	name	movie
▶	Al Pacino	The Godfather
	Daniel Day-Lewis	My Left Foot
	Daniel Day-Lewis	There Will Be Blood
	Daniel Day-Lewis	Lincoln
	Helen Hunt	As Good as It Gets
	Henry Fonda	On Golden Pond

```
# =====
```

```
# Exercise 2: Display actors and the total number of movies that the actor  
# has played in, sorted by 'number of movies' (descending), and then by 'name'.
```

Partial output ...

	name	num_of_movies
▶	Daniel Day-Lewis	3
	Marlon Brando	3
	Jack Nicholson	2
	Katharine Hepburn	2
	Meryl Streep	2
	Tom Hanks	2

```
# =====
```

```
# Exercise 3: Display all Tom Hanks' movies.
```

	name	movie
▶	Tom Hanks	Philadelphia
	Tom Hanks	Forrest Gump

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Exercise 4: Display the actors who played in the 'The God Father' movie.

	movie	name
▶	The Godfather	Marlon Brando
	The Godfather	Al Pacino

```
# =====
```

```
# Exercise 5: Display all artists with their descriptive styles and arts.
```

Partial output...

	name	style	art
▶	Al Pacino	Drama	Acting
	Aretha Franklin	Soul	Singing
	Daniel Day-Lewis	Action	Acting
	Daniel Day-Lewis	Drama	Acting
	Denzel Washington	Action	Acting
	Denzel Washington	Drama	Acting
	Elvis Presley	Country	Singing

```
# =====
```

```
# Exercise 6: Display all artists with more than 2 art styles.
```

	name	num_of_style
▶	Tom Hanks	3
	Elvis Presley	3
	Janis Joplin	3

```
# =====
```

```
# Exercise 7: Display singers with more than 2 art styles.
```

	name	num_of_style
▶	Elvis Presley	3
	Janis Joplin	3

=====

Exercise 8: Display the total number of artists from each country.

	country	num_of_artists
▶	USA	25
	GBR	4
	IRL	2
	SWE	1

```
# =====
```

```
# Exercise 9: Display the total number of 'singers' from each country.
```

	country	num_of_artists
▶	USA	13
	England	2