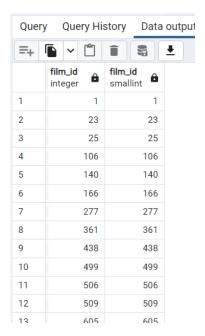Activity 2

1. Join the film to the film_actor table.

Option 1

SELECT film.film_id, film_actor.film_id FROM film INNER JOIN film_actor ON film.film_id=film_actor.film_id;

	film_id integer	film_id smallint
1	1	1
2	23	23
3	25	25
4	106	106
5	140	140
6	166	166
7	277	277
8	361	361
9	438	438
10	499	499
11	506	506
12	509	509
13	605	605

Option 2

SELECT * FROM film INNER JOIN film_actor ON film.film_id=film_actor.film_id;

	film_id integer	title character varying (255)	description text	release_year integer	language_id smallint	rental_duration smallint	rental_rate numeric (4,2)	length smallint	replacement_cost numeric (5,2)	rating mpaa_rating	last_update timestamp without time
1	1	Academy Dinosaur	A Epic Dra...	2006	1	6	0.99	86	20.99	PG	2013-05-26 14:50:58.9
2	23	Anaconda Confessions	A Lacklust...	2006	1	3	0.99	92	9.99	R	2013-05-26 14:50:58.9
3	25	Angels Life	A Thoughtf...	2006	1	3	2.99	74	15.99	G	2013-05-26 14:50:58.9
4	106	Bulworth Commandme...	A Amazing ...	2006	1	4	2.99	61	14.99	G	2013-05-26 14:50:58.9
5	140	Cheaper Clyde	A Emotiona...	2006	1	6	0.99	87	23.99	G	2013-05-26 14:50:58.9
6	166	Color Philadelphia	A Thoughtf...	2006	1	6	2.99	149	19.99	G	2013-05-26 14:50:58.9
7	277	Elephant Trojan	A Beautiful ...	2006	1	4	4.99	126	24.99	PG-13	2013-05-26 14:50:58.9
8	361	Gleaming Jawbreaker	A Amazing ...	2006	1	5	2.99	89	25.99	NC-17	2013-05-26 14:50:58.9
9	438	Human Graffiti	A Beautiful ...	2006	1	3	2.99	68	22.99	NC-17	2013-05-26 14:50:58.9
10	499	King Evolution	A Action-P...	2006	1	3	4.99	184	24.99	NC-17	2013-05-26 14:50:58.9
11	506	Lady Stage	A Beautiful ...	2006	1	4	4.99	67	14.99	PG	2013-05-26 14:50:58.9
12	509	Language Cowboy	A Epic Yarn...	2006	1	5	0.99	78	26.99	NC-17	2013-05-26 14:50:58.9
13	605	Mulholland Beast	A Awe-Insp...	2006	1	7	2.99	157	13.99	PG	2013-05-26 14:50:58.9
14	635	Oklahoma Jumanji	A Thoughtf...	2006	1	7	0.99	58	15.99	PG	2013-05-26 14:50:58.9
15	749	Rules Human	A Beautiful ...	2006	1	6	4.99	153	19.99	R	2013-05-26 14:50:58.9
16	832	Splash Gump	A Taut Sag...	2006	1	5	0.99	175	16.99	PG	2013-05-26 14:50:58.9
17	939	Vertigo Northwest	A Unbeliev...	2006	1	4	2.99	90	17.99	R	2013-05-26 14:50:58.9
18	970	Westward Seabiscuit	A Lacklust...	2006	1	7	0.99	52	11.99	NC-17	2013-05-26 14:50:58.9
19	980	Wizard Coldblooded	A Lacklust...	2006	1	4	4.99	75	12.99	PG	2013-05-26 14:50:58.9
20	3	Adaptation Holes	A Astoundi...	2006	1	7	2.99	50	18.99	NC-17	2013-05-26 14:50:58.9
21	31	Apache Divine	A Awe-Insp...	2006	1	5	4.99	92	16.99	NC-17	2013-05-26 14:50:58.9

2. Join the actor table to the film_actor table.

Option 1

SELECT actor.actor_id, film_actor.actor_id FROM actor INNER JOIN film_actor ON actor.actor_id=film_actor.actor_id;

Option 2

SELECT * FROM actor INNER JOIN film_actor ON actor.actor_id=film_actor.actor_id ORDER BY last_name;

3. Try to join the actor, film_actor, and film table together (3 joins!)

SELECT * FROM actor

INNER JOIN film_actor ON actor.actor_id=film_actor.actor_id

INNER JOIN film ON film.film_id=film_actor.film_id;

	actor_id integer	first_name character varying (45)	last_name character varying (45)	last_update timestamp without time zone	actor_id smallint	film_id smallint	last_update timestamp without time zone	film_id integer	title character varying (255)	de te
1	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	1	2006-02-15 10:05:03	1	Academy Dinosaur	A
2	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	23	2006-02-15 10:05:03	23	Anaconda Confessions	A
3	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	25	2006-02-15 10:05:03	25	Angels Life	A
4	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	106	2006-02-15 10:05:03	106	Bulworth Commandme...	A
5	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	140	2006-02-15 10:05:03	140	Cheaper Clyde	A
6	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	166	2006-02-15 10:05:03	166	Color Philadelphia	A
7	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	277	2006-02-15 10:05:03	277	Elephant Trojan	A
8	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	361	2006-02-15 10:05:03	361	Gleaming Jawbreaker	A
9	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	438	2006-02-15 10:05:03	438	Human Graffiti	A
10	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	499	2006-02-15 10:05:03	499	King Evolution	A
11	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	506	2006-02-15 10:05:03	506	Lady Stage	A
12	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	509	2006-02-15 10:05:03	509	Language Cowboy	A
13	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	605	2006-02-15 10:05:03	605	Mulholland Beast	A
14	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	635	2006-02-15 10:05:03	635	Oklahoma Jumanji	A
15	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	749	2006-02-15 10:05:03	749	Rules Human	A
16	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	832	2006-02-15 10:05:03	832	Splash Gump	A
17	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	939	2006-02-15 10:05:03	939	Vertigo Northwest	A
18	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	970	2006-02-15 10:05:03	970	Westward Seabiscuit	A
19	1	Penelope	Guiness	2013-05-26 14:47:57.62	1	980	2006-02-15 10:05:03	980	Wizard Coldblooded	A
20	2	Nick	Wahlberg	2013-05-26 14:47:57.62	2	3	2006-02-15 10:05:03	3	Adaptation Holes	A
21	2	Nick	Wahlberg	2013-05-26 14:47:57.62	2	31	2006-02-15 10:05:03	31	Apache Divine	A