Date: 12/18/22
Lesson: ORDER BY and LIMIT
Course: Jose Portilla's SQL Zero to Hero

Question:

Query:

SELECT store_id,first_name,last_name
FROM customer
ORDER BY store_id ASC, first_name, last_name;

Result:

	store_id smallint	first_name character varying (45)	last_name character varying (45)
1	1	Adam	Gooch
2	1	Alan	Kahn
3	1	Albert	Crouse
4	1	Alice	Stewart
5	1	Alicia	Mills
6	1	Allan	Cornish
7	1	Alma	Austin
8	1	Amber	Dixon
9	1	Amy	Lopez

Question:
We want to reward our first 10 paying customers. What are the customer ids of the first 10
customers who created a payment?

Query:

SELECT customer_id,amount,payment_date
FROM payment WHERE amount!=0.00
ORDER BY payment_date ASC LIMIT 10;

Result:

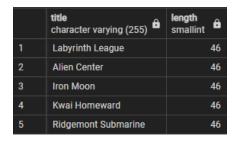|	customer_id smallint	amount numeric (5,2)	payment_date timestamp without time zone
1	416	2.99	2007-02-14 21:21:59.996577
2	516	4.99	2007-02-14 21:23:39.996577
3	239	4.99	2007-02-14 21:29:00.996577
4	592	6.99	2007-02-14 21:41:12.996577
5	49	0.99	2007-02-14 21:44:52.996577
6	264	3.99	2007-02-14 21:44:53.996577
7	46	4.99	2007-02-14 21:45:29.996577
8	481	2.99	2007-02-14 22:03:35.996577
9	139	2.99	2007-02-14 22:11:22.996577
10	595	2.99	2007-02-14 22:16:01.996577

Question:
A customer wants to quickly rent a video to watch over their short lunch break. What are the titles of the 5 shortest(in length of runtime) movies?

Query:
SELECT title,length FROM film
ORDER BY length ASC LIMIT 5;

Result:

title character varying (255) 🔒	length smallint 🔒
1	Labyrinth League	46
2	Alien Center	46
3	Iron Moon	46
4	Kwai Homeward	46
5	Ridgemont Submarine	46

Question:

If the previous customer can watch any movie that is 50 minutes or less in run time, how many options does she have?

Query:

SELECT COUNT(*) FROM film WHERE length <=50;

Result:

count bigint 🔒
1	37