Assignment: SQL #1

**Getting Data out of the Database** 

## **Questions**

1. What is the rental rate and replacement cost for the film "Samurai Lion"?

SELECT rental_rate, replacement_cost	Rental rate – 2.99
FROM film	Replacement cost – 21.99
WHERE title = 'Samurai Lion';	

2. What are the special features for the film "Knock Warlock"?

SELECT special_features	Trailers
FROM film	
WHERE title = 'Knock Warlock';	

3. What are the most popular last names among the actors in the database?

SELECT last_name, COUNT(last_name)	Kilmer – 5
FROM actor	Nolte – 4
GROUP BY last_name	Temple – 4
ORDER BY COUNT(*) DESC;	

4. Which movies are the least expensive to rent (on average) with regard to rating?

SELECT rating, avg(rental_rate)	"G" movies cheapest
FROM film	
GROUP BY rating	
ORDER BY AVG(rental_rate) ASC;	

5. How many R movies mention a 'monkey' in their description?

(Hint: use WHERE...LIKE with a wildcard. Remember, %dog% will match any value containing "dog")

•	, ,	•	_	0 ,
SELECT COUNT(title)	18			
FROM film				
WHERE rating = 'R' AND description LIKE				
'%monkey%';				

6. Who were the stars of the movie "King Evolution"?

SELECT first_name, last_name	Penelope Guiness, Lucille Tracey, Burt Dukakis,
FROM film, actor, film_actor	Cuba Allen, Renee Ball, Mary Keitel
WHERE actor.actor_id = film_actor.actor_id	
AND film.film_id = film_actor.film_id AND	
film.title = 'King Evolution';	

7. What is the longest PG movie in Mandarin? And how long is it?

(Hint: Don't use the MAX function in the SELECT statement. It will give you the wrong answer.)

SELECT title, length, rating, `name`	Worst Banger – 185
FROM `film`, `language`	
WHERE rating = 'PG' AND `name` = 'Mandarin'	
ORDER BY length DESC;	

8. Who has starred in movies in Mandarin? (create a query to get them all, but only list the first five)

SELECT first_name, last_name	Carmen Hunt, Walter Torn, Ed Mansfield, Ewan
FROM moviedb.actor, moviedb.film,	Gooding, Ian Tandy
moviedb.film_actor, moviedb.language	
WHERE actor.actor_id = film_actor.actor_id	
AND film_actor.film_id =	
film.film_id AND film.language_id =	
language.language_id AND	
language.name = 'Mandarin';	

9. Who has rented the least movies? How many movies did they rent?

SELECT first_name,last_name, COUNT(*)	Brian Wyman – 12
FROM customer, rental, inventory	
WHERE inventory.inventory_id =	
rental.inventory_id AND rental.customer_id =	
customer.customer_id	
GROUP BY customer.customer_id	
ORDER BY COUNT(*) ASC;	

10. What was the longest movie starring Ben Harris?

(Hint: Don't use the MAX function in the SELECT statement. It will give you the wrong answer.)

SELECT length, title, first_name, last_name	Sorority Queen – 184
FROM actor, film, film_actor	
WHERE actor.actor_id = film_actor.actor_id	
AND film.film_id = film_actor.film_id AND	
first_name = 'Ben' AND last_name = 'Harris'	
ORDER BY length DESC;	