### *Dvdrental Database*

1) Write a SQL query to get the highest, lowest, total, and average replacement cost of all the films whose release year is '2006' in the **"film"** table.

SELECT MAX(replacement_cost),
MIN(replacement_cost),
SUM(replacement_cost),
AVG(replacement_cost)
FROM film
WHERE release_year = 2006;

2) Write a SQL query to get the average rental rate and number of films that have a rating of 'NC-17' in the **"film"** table.

*SELECT AVG(rental_rate), COUNT(*)*
*FROM film*
*WHERE rating = 'NC-17';*

3) Write a SQL query to get the "title", "length", and "rating" of all the films from the **"film"** table with a "rental_rate" greater than or equal to $2.99 and less than or equal to $4.99, and the "rental_duration" is 5. Display the data with the highest film length at the top.

SELECT title, length, rating
FROM film
WHERE rental_rate BETWEEN 2.99 AND 4.99
AND rental_duration = 5
ORDER BY length DESC;

4) Write a SQL query to get the average replacement_cost, and the number of films from the **"film"** table that have the "rating" of 'PG-13' and "rental_rate" of $2.99 or more.

*SELECT AVG(replacement_cost),COUNT(*)*

*FROM film*
*WHERE rating = 'PG-13'*
*AND rental_rate >= 2.99;*

### Northwind Database

5) Write a SQL query to get "customer_id", "contact_name" and "country" for the monthly lucky giveaways from the **"customers"** table. The customers having names starting with the letter P and countries having the second letter 'e' have been selected for this month's giveaways.

SELECT customer_id, contact_name, country
FROM customers
WHERE contact_name ILIKE 'P%'
AND country ILIKE '_e%';

6) Write a query to find all products whose names contain the word "choco" in the **"products"** table.

SELECT *
FROM products
WHERE product_name ILIKE '%choco%';