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Class: BSCS-8A

CMS: 260652

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1. Number of customers who never rented BREAKING HOME.

**QUERY:**

SELECT COUNT(\*) AS 'Number of customers'

FROM customer

WHERE customer\_id NOT IN (SELECT customer\_id

FROM rental

WHERE inventory\_id IN (SELECT inventory\_id

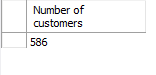
FROM inventory

WHERE film\_id = (SELECT film\_id

FROM film

WHERE title = 'BREAKING HOME')))

**SCREENSHOT:**



1. List accumulative replacement cost of the movies that were never rented.

**QUERY:**

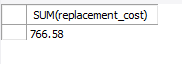
SELECT SUM(replacement\_cost)

FROM film

WHERE film\_id NOT IN (SELECT film\_id

FROM inventory)

**SCREENSHOT:**



1. Find customers who are associated to City Abu Dhabi or Aden.

**QUERY:**

SELECT first\_name, last\_name

FROM customer

WHERE address\_id IN (SELECT address\_id

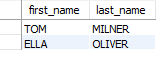
FROM address

WHERE city\_id IN (SELECT city\_id

FROM city

WHERE city IN ('Abu Dhabi','Aden')))

**SCREENSHOT:**



1. What category does the movie COMA HEAD belong to?

**QUERY:**

SELECT name

FROM category

WHERE category\_id = (SELECT category\_id

FROM film\_category

WHERE film\_id = (SELECT film\_id

FROM film

WHERE title = 'COMA HEAD'))

**SCREENSHOT:**



e) Find the movies whose rental duration is less than the rental duration of movie ‘AFRICAN EGG’.

**QUERY:**

SELECT title

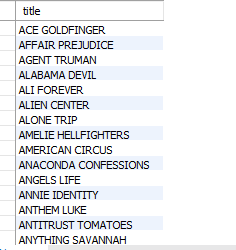
FROM film

WHERE rental\_duration < (SELECT rental\_duration

FROM film

WHERE title = 'AFRICAN EGG')

**SCREENSHOT:**



f) Find those films whose category id is greater than every category id of available films.

**QUERY:**

SELECT title

FROM film

WHERE film\_id IN (SELECT film\_id

FROM film\_category

WHERE category\_id = (SELECT MAX(category\_id)

FROM film\_category

WHERE film\_id IN (SELECT film\_id

FROM inventory)))

**SCREENSHOT:**

