

California State University, East Bay

DATABASE ARCHITECTURE

Libraries DB project #3

Author: Erwan Guyader Supervisor: Prof. James Daley

21. List the Consumer titles owned as a book by a branch but not as a Dvd by the same branch.

```
SELECT title
FROM books
WHERE category = 'Consumer'
AND NOT
EXISTS (

SELECT *
FROM dvds
WHERE branch = books.branch
AND title = books.title
)

title

Living in State Parks

X Same as Cash
```

22. List the cardholders who have only one book checked out.



23. List the cardholders who have books checked out from every branch located in Hayward.

```
SELECT cardholders
WHERE (

SELECT count(*)
FROM branches
WHERE city = 'Hayward'
AND branchname NOT
IN (

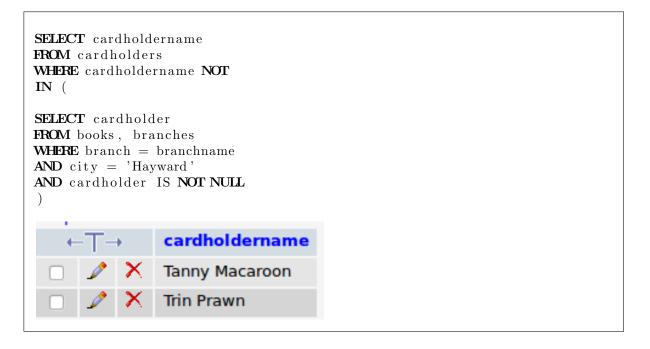
SELECT DISTINCT branch
FROM books
WHERE cardholder = cardholdername
)
) =0

Cardholdername

Sashoon Nusrat

Swanny Pottkins
```

24. List the cardholders who have no books checked out from any branch located in Hayward.



25. List the cardholders who have books checked out in every category as those for books checked out by Sashoon Nusrat.

