1. 12

SELECT bookcop.noOfCopies FROM tbl\_book\_copies bookcop,

tbl\_library\_branch libranch, tbl\_book book

WHERE libranch.branchName='Sharpstown'

AND book.title='The Lost Tribe' AND book.bookId=bookcop.bookId

AND libranch.branchId=bookcop.branchId

2. McLean has 1 book, Sharpstown has 12 books.

SELECT branchName, noOfCopies

FROM ((tbl\_book NATURAL JOIN tbl\_book\_copies) NATURAL JOIN

tbl\_library\_branch)

WHERE title='The Lost Tribe'

3. Jin Kim

SELECT name FROM tbl\_borrower WHERE cardNo NOT IN (SELECT cardNo FROM tbl\_book\_loans)

4. Davy Jones, John Doe, 530 20th St.

SELECT book.title, borrower.name, borrower.address

FROM tbl\_book book, tbl\_borrower borrower, tbl\_book\_loans bookloan,

tbl\_library\_branch libranch WHERE libranch.branchName='Sharpstown' AND

bookloan.dueDate='2015-06-24 08:24:35' AND book.bookId=bookloan.bookId

AND borrower.cardNo=bookloan.cardNo

5. 'Central', '1'

'Charlottesville', '2'

'Griery', '1'

'McLean', '1'

'Philly', '1'

'Sharpstown', '1'

SELECT branch.branchName, COUNT(\*) FROM tbl\_library\_branch branch,

tbl\_book\_loans bookloan WHERE bookloan.branchId=branch.branchId GROUP BY branch.branchName

6. none

SELECT borrower.name, borrower.address, COUNT(\*)

FROM tbl\_borrower borrower, tbl\_book\_loans bookloan

WHERE bookloan.cardNo=borrower.cardNo

GROUP BY borrower.cardNo, borrower.name, borrower.address

HAVING COUNT(\*)>5;

|  |  |
| --- | --- |
| 7. For Whom The Bell Tolls | 22 |
| SELECT title, noOfCopies  FROM((((tbl\_book\_authors NATURAL JOIN tbl\_book) NATURAL JOIN  tbl\_book\_copies) NATURAL JOIN tbl\_library\_branch) NATURAL JOIN  tbl\_author) WHERE  authorName='Stephen King' AND branchName='Central'; |  |