**-- ITEM #1**

**-- What books has Connie had to pay**

**-- a fine for (if any)? When were they due?**

SELECT name, title, return\_date

FROM people AS p

LEFT OUTER JOIN transactions AS t

ON p.person\_id = t.person\_id

LEFT OUTER JOIN books AS b

ON t.book\_id = b.book\_id

WHERE name = 'Connie'

AND fine > '$0.00';

**-- ITEM #2**

**-- What people have never had**

**-- a fine associated with them (if any)?**

SELECT name, SUM(fine) AS total\_fines

FROM people AS p

LEFT OUTER JOIN transactions AS t

ON p.person\_id = t.person\_id

GROUP BY name

HAVING SUM(fine) = '$0.00';

**-- ITEM #3**

**-- What are the names of the books**

**-- which still haven't been returned yet?**

SELECT title

FROM books AS b

LEFT OUTER JOIN transactions AS t

ON b.book\_id = t.book\_id

WHERE return\_date IS NULL

AND checkout\_date IS NOT NULL;

**-- ITEM #4**

**-- What are the names of the people**

**-- who have never checked out any book (if any)?**

SELECT name

FROM people AS p

LEFT OUTER JOIN transactions AS t

ON p.person\_id = t.book\_id

WHERE name IS NULL;

**-- ITEM #5**

**-- What genres have never had**

**-- a fine associated with them (if any)?**

SELECT genre, SUM(fine) AS total\_fines

FROM books AS b

LEFT OUTER JOIN transactions AS t

ON b.book\_id = t.book\_id

GROUP BY genre

HAVING SUM(fine) = '$0.00';

**-- ITEM #6**

**-- Which books has Pearl has checked out?**

SELECT name, title

FROM people AS p

LEFT OUTER JOIN transactions AS t

ON p.person\_id = t.person\_id

LEFT OUTER JOIN books AS b

ON t.book\_id = b.book\_id

WHERE name = 'Pearl';

**-- ITEM #7**

**-- What titles of books has Garnet checked out,**

**-- and until what date (if any)?**

SELECT name, title, return\_date

FROM people AS p

LEFT OUTER JOIN transactions AS t

ON p.person\_id = t.person\_id

LEFT OUTER JOIN books AS b

ON t.book\_id = b.book\_id

WHERE name = 'Garnet';

**-- ITEM #8**

**-- Who are the people who have checked out The Hobbit?**

SELECT name, title

FROM people AS p

LEFT OUTER JOIN transactions AS t

ON p.person\_id = t.person\_id

LEFT OUTER JOIN books AS b

ON t.book\_id = b.book\_id

WHERE title = 'The Hobbit';

**-- ITEM #9**

**-- What are the names of the people who had**

**-- to pay a fine for Crazy Rich Asians?**

SELECT name, SUM(fine) AS total\_fines

FROM people AS p

LEFT OUTER JOIN transactions AS t

ON p.person\_id = t.person\_id

LEFT OUTER JOIN books AS b

ON t.book\_id = b.book\_id

WHERE title = 'Crazy Rich Asians'

GROUP BY name

HAVING SUM(fine) > '$0.00';