

1.

```
SELECT p.Name
FROM Patrons p
LEFT JOIN CheckedOut c ON p.CardNum = c.CardNum
GROUP BY p.CardNum
ORDER BY COUNT(c.Serial) DESC
LIMIT 1;
```

2.

```
SELECT t.title
FROM Titles t
WHERE t.author LIKE 'K%';
```

3.

```
SELECT t.author
FROM Titles t
GROUP BY t.author
HAVING COUNT(DISTINCT t.title) > 1;
```

4.

```
SELECT t.Author
FROM Titles t
INNER JOIN Inventory i ON t.ISBN = i.ISBN
GROUP BY t.Author
HAVING COUNT(i.Serial) > 1;
```

5.

```
SELECT
  p.Name,
  COUNT(c.Serial) AS books_checked_out,
  CASE
    WHEN COUNT(c.Serial) > 2 THEN 'Platinum'
    WHEN COUNT(c.Serial) = 2 THEN 'Gold'
    WHEN COUNT(c.Serial) = 1 THEN 'Silver'
    ELSE 'Bronze'
  END AS loyalty_level
FROM Patrons p
LEFT JOIN CheckedOut c ON p.CardNum = c.CardNum
GROUP BY p.CardNum;
```