**AS FOLLOW, THE QUESTIONS AND ASWERS FROM THE SQL ASSIGNMENT.**

**1.Who checkout ’The Hobbit’?**

SELECT title, member\_id, name FROM (book JOIN (checkout\_item JOIN member ON member.id=checkout\_item.member\_id) as AUX ON book.id=AUX.book\_id) WHERE title = 'The Hobbit';

**A:** The Hobbit|1|Anand Beck

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**2.How many people have not checked out anything?**

SELECT COUNT(name)-(SELECT COUNT(DISTINCT id) FROM (member INNER JOIN checkout\_item ON member.id = checkout\_item.member\_id)) FROM member;

**A:** 37

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**3. Add the book 'The Pragmatic Programmer', and add yourself as a member. Check out 'The Pragmatic Programmer'. Use your query from question 1 to verify that you have checked it out. Also, provide the SQL used to update the database.**

a.INSERT INTO book(ROWID, title) VALUES(11, 'The Pragmatic Programmer');

b. INSERT INTO member(ROWID, name) VALUES(43, 'Javiera Laso');

c. INSERT INTO checkout\_item(member\_id, book\_id,movie\_id) VALUES (43, 11, 0);

**Final query:** SELECT title, member\_id, name FROM (book JOIN (checkout\_item JOIN member ON member.id=checkout\_item.member\_id) as AUX ON book.id=AUX.book\_id) WHERE title = 'The Pragmatic Programmer';

**A: The Pragmatic Programmer|43|Javiera Laso**

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**4. What movies aren’t checkout?**

SELECT id, title, movie\_id FROM (movie INNER JOIN checkout\_item ON movie.id = member\_id) WHERE movie\_id IS NULL;

**A:**

**6|Thin Red Line|**

**1|Life of Brian|**

**2|Airplane. |**

**1|Life of Brian|**

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**5. Who has checkout more than 1 item**

SELECT id, name, COUNT(book\_id),COUNT(movie\_id) FROM (member INNER JOIN checkout\_item ON member.id = member\_id)GROUP BY name;

**A:**

1|Anand Beck |2|1

6|Frank Smith |1|2

43|Javiera Laso|1|1

8|Julian Listov|0|1

7|Sneha Carmack|0|1

2|Yaxuan Evans |1|0

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