1. **Select id from book where title =’The Hobbit’;**

**Select member\_id from checkout\_item where book\_id=5;**

**Select name from member where id=1;**

**select name from member LEFT JOIN checkout\_item ON checkout\_item.member\_id = member.id LEFT JOIN book on book.id = checkout\_item.book\_id where book.title=‘The Hobbit’;**

**2. Select count(\*) from member where id not in (select member\_id from checkout\_item);**

3.select title from book where id not in (select book\_id from checkout\_item where book\_id is not null); select title from movie where id not in (select movie\_id from checkout\_item where movie\_id is not null);

4.insert into book (title) values('The Pragmatic Programmer');insert into member (name) values('Yunpeng Lv');insert into checkout\_item values((select id from member where name = 'Yunpeng Lv'), (select id from book where title = 'The Pragmatic Programmer'), NULL);select name from member left join checkout\_item on checkout\_item.member\_id = member.id left join book on book.id = checkout\_item.book\_id where book.title = 'The Pragmatic Programmer';

5select name from member where id in (select member\_id from checkout\_item group by(member\_id) having count(\*)> 1);