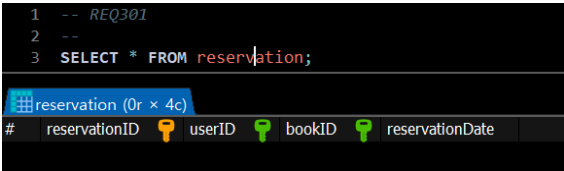

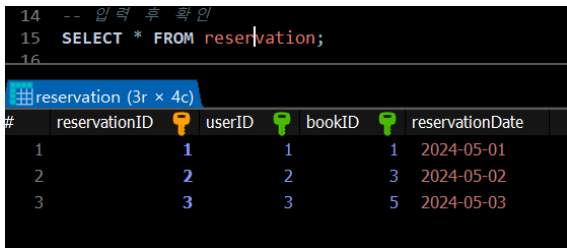




REQ301 도서 정보 조회 후, 도서를 예약한다.	
-- 예약 테이블 조회 (예약 정보가 아직 insert 되지 않아 테이블이 비어있음) SELECT * FROM reservation;	-- 예약할 수 있는 도서 조회 SELECT * FROM book WHERE reservationCheck = 'N';
<pre> 1  -- REQ301 2  -- 3  SELECT * FROM reservation; </pre> 	
-- 예약 정보 입력 INSERT INTO `reservation` (`userID`, `bookID`, `reservationDate`) VALUES (1, 1, '2024-05-01'), (2, 3, '2024-05-02'), (3, 5, '2024-05-03');	-- 입력 후 확인 SELECT * FROM reservation;
	

REQ302 도서 예약시 Y로 변경하고, 예약 회원이 더이상 없다면 N으로 변경한다.	
-- 입력 전 SELECT * FROM book WHERE reservationCheck = 'Y';	-- 입력 후 SELECT * FROM book WHERE reservationCheck = 'Y';
	

REQ303 도서 반납시, 예약자에게 대출을 안내한다.

-- 도서 반납 전

```
SELECT * FROM resbook_log;
```

```
31
32 -- REQ303 도서 반납시, 예약자에게 대출을 안내한다.
33 -- 도서 반납 전
34 SELECT * FROM resbook_log;
35 SELECT * FROM rent;
```

resbook\_log (0r × 3c)

#	id	message	created_at
---	----	---------	------------

-- 도서 반납 전

```
SELECT * FROM rent;
```

```
31
32 -- REQ303 도서 반납시, 예약자에게 대출을 안내한다.
33 -- 도서 반납 전
34 SELECT * FROM resbook_log;
35 SELECT * FROM rent;
```

rent (5r × 3c)

#	rentID	userID	bookID
1	1	1	1
2	2	2	5
3	3	3	9
4	4	4	14
5	5	5	20

-- 도서 반납 후

```
DELETE FROM rent WHERE userID = 1;
```

```
SELECT * FROM resbook_log;
```

```
36
37 DELETE FROM rent WHERE userID = 1;
38
39 SELECT * FROM resbook_log;
40 SELECT * FROM rent;
```

resbook\_log (1r × 3c)

#	id	message	created_at
1	1	예약한 책이 반납되었습니다. 반납된 책의 ID: 1	2024-06-02 13:35:36

-- 도서 반납 후

```
SELECT * FROM rent;
```

```
36
37 -- 도서 반납 후
38 DELETE FROM rent WHERE userID = 1;
39 SELECT * FROM resbook_log;
40 SELECT * FROM rent;
```

rent (4r × 3c)

#	rentID	userID	bookID
1	2	2	5
2	3	3	9
3	4	4	14
4	5	5	20

REQ304

-- 예약 취소 전 (reservation)

```
SELECT r.reservationID, b.bookID, b.title, b.writer
FROM reservation r
INNER JOIN book b on r.bookID = b.bookID;
```

DELETE

FROM reservation

```
WHERE reservationID = 1 and bookID = 1;
```

```
42 -- REQ304
43 -- 예약 취소 전
44 SELECT r.reservationID, b.bookID, b.title, b.writer
45 FROM reservation r
46 INNER JOIN book b on r.bookID = b.bookID;
```

reservation (3r × 4c)

#	reservationID	bookID	title	writer
1	1	1	도서명1	kim
2	2	3	도서명3	na
3	3	5	도서명5	choi

-- 예약 취소 후 (reservation)

```
SELECT r.reservationID, b.bookID, b.title, b.writer,  
b.reservationCheck  
FROM book b  
INNER JOIN reservation r on b.bookID = r.bookID;
```

```
41  
42 -- REQ304  
43 -- 예약 취소 전  
44 SELECT r.reservationID, b.bookID, b.title, b.writer  
45 FROM reservation r  
46 INNER JOIN book b on r.bookID = b.bookID;  
47  
48 DELETE  
49 FROM reservation  
50 WHERE reservationID = 1 and bookID = 1;  
51  
52 SELECT r.reservationID, b.bookID, b.title, b.writer, b.reservationCheck  
53 FROM book b  
54 INNER JOIN reservation r on b.bookID = r.bookID;|  
55
```

book (2r x 5c)					
#	reservationID	bookID	title	writer	reservationCheck
1		2	도서명3	na	Y
2		3	도서명5	choi	Y

REQ305 예약된 도서의 예약 기간을 확인한다.

-- 예약한 user, book, 예약일 조회

```
SELECT r.reservationID,  
r.userID,  
u.userName,  
r.bookID,  
b.title,  
r.reservationDate  
FROM reservation r  
INNER JOIN user U ON r.userID = u.userID  
INNER JOIN book b ON r.bookID = b.bookID  
WHERE reservationCheck = 'Y';
```

```
56 -- REQ305  
57 -- 예약한 user, book, 예약일 조회  
58 SELECT r.reservationID,  
59 r.userID,  
60 u.userName,  
61 r.bookID,  
62 b.title,  
63 r.reservationDate  
64 FROM reservation r  
65 INNER JOIN user U ON r.userID = u.userID  
66 INNER JOIN book b ON r.bookID = b.bookID  
67 WHERE reservationCheck = 'Y';
```

reservation (2r x 6c)						
#	reservationID	userID	userName	bookID	title	reservationDate
1		2	Jane	3	도서명3	2024-05-02
2		3	David	5	도서명5	2024-05-03