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29 -- 예약 여부 검색
30 SELECT * FROM book
31 WHERE rentCheck = 'N';
32
33 SELECT * FROM book
34 WHERE rentCheck = 'Y';
35
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book (10 x 8)									
#	bookID	category	writer	publisher	pubDate	title	reservationCheck	rentCheck	count
1	1	과학	이언	홍만H1	2024-05-05	도서명1	N	N	30
2	2	수학	jack	홍만H2	2023-07-15	도서명2	N	N	30
3	3	IT	lee	홍만H3	2024-06-13	도서명3	N	N	30
4	4	인문	lee	홍만H4	2022-11-05	도서명4	N	N	30
5	5	소설	chae	홍만H5	2024-08-21	도서명5	N	N	30
6	6	IT	James Smith	TechBooks	2021-05-15	Learning SQL	N	N	10
7	7	과학	Jane Doe	SciencePress	2020-11-10	The Quantum World	Y	N	5
8	8	인문	Sophia Lee	HumanitiesHub	2018-07-30	Philosophy Basics	N	N	7
9	9	인문	John Doe	ScienceWorld	2021-09-12	Physics Fundamentals	N	N	25
10	10	수학	Jane Austen	MathPro	2023-02-18	Algebra Essentials	N	N	15
11	11	IT	Alan Turing	CompSciPress	2020-05-10	Computing Machinery	N	N	20
12	12	인문	Mary Shelley	LiteratureBooks	2019-08-01	Humanities Insight	N	N	5
13	13	소설	George Orwell	Novelists	2021-06-06	Dystopian Dreams	N	N	8
14	14	과학	Isaac Newton	PhysicsPress	2020-03-14	Principia Mathematica	N	N	12
15	15	수학	Carl Gauss	MathGenius	2022-04-17	Number Theory	N	N	18
16	16	IT	Aida Lovelace	CodeBooks	2021-12-25	Programming Concepts	N	N	22
17	17	인문	Leo Tolstoy	ClassiPub	2023-09-08	War and Peace	N	N	7
18	18	소설	J.K. Rowling	MagicalBooks	2020-07-31	Harry Potter	N	N	10

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32 SELECT * FROM book
33 WHERE rentCheck = 'Y';
34
```

book (2 x 8)									
#	bookID	category	writer	publisher	pubDate	title	reservationCheck	rentCheck	count
1	8	수학	Albert Newton	MathWorld	2019-02-22	Advanced Calculus	N	Y	3
2	10	소설	Mark Twain	PioneerPress	2022-01-01	The Great Adventure	Y	Y	12

-- 예약 여부 검색

SELECT * FROM book

WHERE reservationCheck = 'N';

SELECT * FROM book

WHERE reservationCheck = 'Y';

```
36 -- 예약 여부 검색
37 SELECT * FROM book
38 WHERE reservationCheck = 'N';
39
40 SELECT * FROM book
41 WHERE reservationCheck = 'Y';
42
```

book (10 x 8)									
#	bookID	category	writer	publisher	pubDate	title	reservationCheck	rentCheck	count
1	1	과학	이언	홍만H1	2024-05-05	도서명1	N	N	30
2	2	수학	jack	홍만H2	2023-07-15	도서명2	N	N	30
3	3	IT	lee	홍만H3	2024-06-13	도서명3	N	N	30
4	4	인문	lee	홍만H4	2022-11-05	도서명4	N	N	30
5	5	소설	chae	홍만H5	2024-08-21	도서명5	N	N	30
6	6	IT	James Smith	TechBooks	2021-05-15	Learning SQL	N	N	10
7	7	과학	Albert Newton	MathWorld	2019-02-22	Advanced Calculus	N	Y	3
8	8	인문	Sophia Lee	HumanitiesHub	2018-07-30	Philosophy Basics	N	N	7
9	9	인문	John Doe	ScienceWorld	2021-09-12	Physics Fundamentals	N	N	25
10	10	수학	Jane Austen	MathPro	2023-02-18	Algebra Essentials	N	N	15
11	11	IT	Alan Turing	CompSciPress	2020-05-10	Computing Machinery	N	N	20
12	12	인문	Mary Shelley	LiteratureBooks	2019-08-01	Humanities Insight	N	N	5
13	13	소설	George Orwell	Novelists	2021-06-06	Dystopian Dreams	N	N	8
14	14	과학	Isaac Newton	PhysicsPress	2020-03-14	Principia Mathematica	N	N	12
15	15	수학	Carl Gauss	MathGenius	2022-04-17	Number Theory	N	N	18
16	16	IT	Aida Lovelace	CodeBooks	2021-12-25	Programming Concepts	N	N	22
17	17	인문	Leo Tolstoy	ClassiPub	2023-09-08	War and Peace	N	N	7
18	18	소설	J.K. Rowling	MagicalBooks	2020-07-31	Harry Potter	N	N	10

```
36 SELECT * FROM book
37 WHERE reservationCheck = 'N';
38
39 SELECT * FROM book
40 WHERE reservationCheck = 'Y';
41
```

book (2 x 8)									
#	bookID	category	writer	publisher	pubDate	title	reservationCheck	rentCheck	count
1	7	과학	Jane Doe	SciencePress	2020-11-10	The Quantum World	Y	N	5
2	10	소설	Mark Twain	PioneerPress	2022-01-01	The Great Adventure	Y	Y	12

REQ402

INSERT INTO book (bookID, category, writer, publisher, pubDate, title, reservationCheck, rentCheck, count) VALUES (21, '과학', 'Stephen Hawking', 'UniverseBooks', '2024-06-01', 'A Brief History of Time', 'N', 'N', 20);

SELECT * FROM book;

-- 잘못된 값(null) 들어간 경우

```
44 -- REQ402
45 -- insert book
46 INSERT INTO book (bookID, category, writer, publisher, pubDate, title, reservationCheck, rentCheck, count) VALUES
47 (21, '과학', 'Stephen Hawking', 'UniverseBooks', '2024-06-01', 'A Brief History of Time', 'N', 'N', 20);
48
49 SELECT * FROM book;
50
```

book (21 x 8)									
#	bookID	category	writer	publisher	pubDate	title	reservationCheck	rentCheck	count
1	1	과학	이언	홍만H1	2024-05-05	도서명1	N	N	30
2	2	수학	jack	홍만H2	2023-07-15	도서명2	N	N	30
3	3	IT	lee	홍만H3	2024-06-13	도서명3	N	N	30
4	4	인문	lee	홍만H4	2022-11-05	도서명4	N	N	30
5	5	소설	chae	홍만H5	2024-08-21	도서명5	N	N	30
6	6	IT	James Smith	TechBooks	2021-05-15	Learning SQL	N	N	10
7	7	과학	Jane Doe	SciencePress	2020-11-10	The Quantum World	Y	N	5
8	8	인문	Sophia Lee	HumanitiesHub	2018-07-30	Philosophy Basics	N	N	7
9	9	인문	John Doe	ScienceWorld	2021-09-12	Physics Fundamentals	N	N	25
10	10	수학	Jane Austen	MathPro	2023-02-18	Algebra Essentials	N	N	15
11	11	IT	Alan Turing	CompSciPress	2020-05-10	Computing Machinery	N	N	20
12	12	인문	Mary Shelley	LiteratureBooks	2019-08-01	Humanities Insight	N	N	5
13	13	소설	George Orwell	Novelists	2021-06-06	Dystopian Dreams	N	N	8
14	14	과학	Isaac Newton	PhysicsPress	2020-03-14	Principia Mathematica	N	N	12
15	15	수학	Carl Gauss	MathGenius	2022-04-17	Number Theory	N	N	18
16	16	IT	Aida Lovelace	CodeBooks	2021-12-25	Programming Concepts	N	N	22
17	17	인문	Leo Tolstoy	ClassiPub	2023-09-08	War and Peace	N	N	7
18	18	소설	J.K. Rowling	MagicalBooks	2020-07-31	Harry Potter	N	N	10
19	19	과학	Stephen Hawking	UniverseBooks	2024-06-01	A Brief History of Time	N	N	20

```
51 INSERT INTO book (bookID, category, writer, publisher, pubDate, title, reservationCheck, rentCheck, count) VALUES
52 (21, '과학', 'Stephen Hawking', NULL, '2024-06-01', 'A Brief History of Time', 'N', 'N', 20);
53
54 SELECT * FROM book;
55
```

오류 beyond 오류
SQL 오류 (1462): Can't update table 'book' to stored function trigger because it is already used by different event. Invoked the stored function trigger

REQ403

-- 원래 입력되어있던 도서 확인
SELECT * FROM book;

-- 도서명과 작가명이 같은 데이터 입력 (수량 10)
INSERT INTO book (bookID, category, writer, publisher, pubDate, title, reservationCheck, rentCheck, count) VALUES (21, '과학', 'kim', '출판사1', '2024-05-05', '도서명1', 'N', 'N', 10);
SELECT * FROM book;

-- REQ403
-- 도서명과 작가명이 같은 데이터 확인
SELECT * FROM book;

-- 도서 (20 x 9)
#bookIDcategorywriterpublisherpubDatetitlereservationCheckrentCheckcount
11과학kim출판사12024-05-05도서명1N N30
22수학jack출판사22023-07-15도서명2N N30
33ITna출판사32024-05-13도서명3Y N30
44인문lee출판사42022-11-05도서명4N N30
55소설choi출판사52024-08-21도서명5Y N30
66ITJames SmithTechBooks2021-05-15Learning SQLN N10
77과학Jane DoeSciencePress2020-11-10The Quantum WorldY N5
88수학Albert NewtonMathWorld2019-02-22Advanced CalculusN Y3
99인문Sophia LeeHumanitiesHub2018-07-30Philosophy BasicsN N7
1010소설Mark TwainFictionHouse2022-01-01The Great AdventureY Y12
1111과학John DoeScienceWorld2021-09-12Physics FundamentalsN N25
1212수학Jane AustenMathPro2023-02-18Algebra EssentialsN N15
1313ITAlan TuringCompSciPress2020-10-10Computing MachineryN N20
1414인문Mary ShelleyLiteratureBooks2019-08-01Humanities InsightN N5
1515소설George OrwellNovelistic2021-06-06Dystopian DreamsN N8
1616과학Isaac NewtonPhysicsPress2019-03-14Principia MathematicaN N12
1717수학Carl GaussMathGenius2022-04-17Number TheoryN N18
1818ITAda LovelaceCodeBooks2021-12-25Programming ConceptsN N22
1919인문Leo TolstoyClassicPub2023-09-09War and PeaceN N7
2020소설J.K. RowlingMagiBooks2020-07-31Harry PotterN N10

-- 동일한 제목과 작가명을 가진 책이면 수량을 합치는 프로시저 실행
CALL UpdateSameBookCounts();
SELECT * FROM book;

-- REQ403
-- 도서명과 작가명이 같은 데이터 확인
SELECT * FROM book;

-- 도서명
INSERT INTO book (bookID, category, writer, publisher, pubDate, title, reservationCheck, rentCheck, count) VALUES (21, '과학', 'kim', '출판사1', '2024-05-05', '도서명1', 'N', 'N', 10);
SELECT * FROM book;

-- 동일한 제목과 작가명을 가진 책이면 수량을 합치는 프로시저 실행
CALL UpdateSameBookCounts();
SELECT * FROM book;

-- 도서 (20 x 9)
#bookIDcategorywriterpublisherpubDatetitlereservationCheckrentCheckcount
11과학kim출판사12024-05-05도서명1N N40
22수학jack출판사22023-07-15도서명2N N30
33ITna출판사32024-05-13도서명3Y N30
44인문lee출판사42022-11-05도서명4N N30
55소설choi출판사52024-08-21도서명5Y N30
66ITJames SmithTechBooks2021-05-15Learning SQLN N10
77과학Jane DoeSciencePress2020-11-10The Quantum WorldY N5
88수학Albert NewtonMathWorld2019-02-22Advanced CalculusN Y3
99인문Sophia LeeHumanitiesHub2018-07-30Philosophy BasicsN N7
1010소설Mark TwainFictionHouse2022-01-01The Great AdventureY Y12
1111과학John DoeScienceWorld2021-09-12Physics FundamentalsN N25
1212수학Jane AustenMathPro2023-02-18Algebra EssentialsN N15
1313ITAlan TuringCompSciPress2020-10-10Computing MachineryN N20
1414인문Mary ShelleyLiteratureBooks2019-08-01Humanities InsightN N5
1515소설George OrwellNovelistic2021-06-06Dystopian DreamsN N8
1616과학Isaac NewtonPhysicsPress2019-03-14Principia MathematicaN N12
1717수학Carl GaussMathGenius2022-04-17Number TheoryN N18
1818ITAda LovelaceCodeBooks2021-12-25Programming ConceptsN N22
1919인문Leo TolstoyClassicPub2023-09-09War and PeaceN N7
2020소설J.K. RowlingMagiBooks2020-07-31Harry PotterN N10

REQ404	
<div>-- 대출 여부 검색</div> <div>SELECT * FROM book</div> <div>WHERE rentCheck = 'N';</div>	<div>SELECT * FROM book</div> <div>WHERE rentCheck = 'Y';</div>

```

20 -- 도서 정보 조회
21 SELECT * FROM book
22 WHERE rentCheck = 'N';
23
24 SELECT * FROM book
25 WHERE rentCheck = 'Y';
26

```

book (118 x 10)									
	bookID	category	writer	publisher	pubDate	title	reservationCheck	rentCheck	count
1	1	과학	ben	테크북스	2024-02-05	도서#1	N	N	30
2	2	수학	jack	테크북스	2023-02-15	도서#2	N	N	30
3	3	IT	na	테크북스	2024-05-13	도서#3	N	N	30
4	4	인문	lee	테크북스	2022-11-05	도서#4	N	N	30
5	5	소설	doe	테크북스	2024-08-21	도서#5	N	N	30
6	6	IT	James Smith	TechBooks	2021-05-15	Learning SQL	N	N	10
7	7	과학	Jane Doe	SciencePress	2020-11-10	The Quantum World	Y	N	5
8	8	인문	Sophia Lee	HumanitiesPub	2018-07-30	Philosophy Basics	N	N	7
9	11	과학	John Doe	ScienceWorld	2022-09-12	Physics Fundamentals	N	N	25
10	12	수학	Jane Austen	MathPro	2023-02-18	Algebra Essentials	N	N	15
11	13	IT	Alan Turing	CompSciPress	2020-10-10	Computing Machinery	N	N	20
12	14	인문	Mary Shelley	LiteratureBooks	2019-08-01	Humanities Insight	N	N	5
13	15	소설	George Orwell	Novelists	2021-04-06	Dystopian Dreams	N	N	8
14	16	과학	Isaac Newton	PhysSciPress	2019-03-14	Principia Mathematics	N	N	12
15	17	수학	Carl Gauss	MathGenius	2022-04-17	Number Theory	N	N	18
16	18	IT	Ada Lovelace	CodeBooks	2021-12-20	Programming Concepts	N	N	22
17	19	인문	Leo Tolstoy	ClassicPub	2023-09-09	War and Peace	N	N	7
18	20	소설	J.K. Rowling	MagicBooks	2020-07-31	Harry Potter	N	N	10

```

32
33 SELECT * FROM book
34 WHERE rentCheck = 'Y';
35

```

book (21 x 10)									
	bookID	category	writer	publisher	pubDate	title	reservationCheck	rentCheck	count
1	8	인문	Albert Newton	Medieval	2019-02-22	Advanced Calculus	N	Y	3
2	10	소설	Mark Twain	FictionHouse	2022-01-01	The Great Adventure	Y	Y	12

REQ405

-- 도서 정보 수정
-- 수정 전
SELECT *
FROM book
WHERE title = 'Learning SQL';

-- Learning SQL이라는 도서의 저자 수정
-- 수정 후
UPDATE book
SET writer = 'John Doe'
WHERE title = 'Learning SQL';

SELECT *
FROM book
WHERE title = 'Learning SQL';

```

115 -- 도서 정보 수정
116 -- Learning SQL이라는 도서의 저자 수정
117 SELECT * FROM book WHERE title = 'Learning SQL';
118
119 UPDATE book
120 SET writer = 'John Doe'
121 WHERE title = 'Learning SQL';
122
123 SELECT * FROM book WHERE title = 'Learning SQL';
124

```

book (11 x 10)									
	bookID	category	writer	publisher	pubDate	title	reservationCheck	rentCheck	count
1	6	IT	James Smith	TechBooks	2021-05-15	Learning SQL	N	N	10

```

115 -- 도서 정보 수정
116 -- Learning SQL이라는 도서의 저자 수정
117 SELECT * FROM book WHERE title = 'Learning SQL';
118
119 UPDATE book
120 SET writer = 'John Doe'
121 WHERE title = 'Learning SQL';
122
123 SELECT * FROM book WHERE title = 'Learning SQL';
124

```

book (11 x 10)									
	bookID	category	writer	publisher	pubDate	title	reservationCheck	rentCheck	count
1	6	IT	John Doe	TechBooks	2021-05-15	Learning SQL	N	N	10

REQ406

-- 도서 삭제
-- 도서의 이름이 Learning SQL인 도서 삭제
-- 삭제 전
SELECT * FROM book WHERE title = 'Learning SQL';

-- 삭제 후
DELETE FROM book WHERE title = 'Learning SQL';
SELECT * FROM book WHERE title = 'Learning SQL';

```

-- 도서 삭제
-- 도서의 이름이 Learning SQL인 도서 삭제
-- 삭제 전
SELECT * FROM book WHERE title = 'Learning SQL';

```

```

-- 삭제 후
DELETE FROM book WHERE title = 'Learning SQL';
SELECT * FROM book WHERE title = 'Learning SQL';

```

```
129 -- 도서 삭제
130 -- 도서의 이름이 Learning SQL 인 도서 삭제
131 -- 삭제 전
132 SELECT * FROM book WHERE title = 'Learning SQL';
```

#	bookID	category	writer	publisher	pubDate	title	reservationCheck	rentCheck	count
1	1	IT	John Doe	TechBooks	2021-05-15	Learning SQL	N	N	10

```
133 -- 삭제 후
134 DELETE FROM book WHERE title = 'Learning SQL';
135 SELECT * FROM book WHERE title = 'Learning SQL';
136
```

#	bookID	category	writer	publisher	pubDate	title	reservationCheck	rentCheck	count
---	--------	----------	--------	-----------	---------	-------	------------------	-----------	-------