SQL

* QUERY : SELECT
* DML : INSERT, UPDATE, DELETE
* TCL : COMMIT, ROLLBACK
* DDL : CREATE, DROP, ALTER, TRUNCATE
* DCL : GRANT, REVOKE

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SELECT \*

FROM tid ;

SELECT lnid, id\_typ, bthday

FROM tid ;

SELECT LNID, ID\_TYP, BTHDAY

FROM TID

WHERE ID\_TYP = '1'

ORDER BY LNID;

SELECT lnid, ln\_dt, ln\_amt, ln\_amt / 1000000, (ln\_amt\*0.0325)/12

FROM tacct ;

SELECT lnid, ln\_amt, exp\_dt, exp\_dt - 14

FROM tacct ;

주석 처리

-- ERROR

/\*

내용

\*/

-- ERROR

SELECT lnid, ln\_amt, exp\_dt, exp\_dt \* 2

FROM tacct ;

-- ERROR

SELECT GRADE + 1

FROM TCODE ;

SELECT LNID , LN\_AMT

FROM TACCT ;

SELECT LNID||' 차주의 대출 금액은 '||LN\_AMT||' 입니다.'

FROM TACCT ;

SELECT lnid || ' 차주의 등급은 ' || grade || ' 입니다.'

FROM tid

WHERE id\_typ = '2' ;

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SELECT lnid AS 차주번호

,id\_typ AS 차주구분코드

,bthday AS 생일

,gender AS 성별

FROM tid ;

SELECT lnact, lnact\_seq, ln\_amt, ln\_amt/1000 "대출금(천원)"

FROM tacct ;

SELECT grade

FROM tid ;

SELECT DISTINCT grade

FROM tid ;

-- ERROR

SELECT LNID, DISTINCT GRADE

FROM TID ;

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3장

5 SELECT : 검색 대상 표현식 (컬럼)

1 FROM : 검색 대상 집합 (테이블)

2 WHERE : 행 제한을 위한 조건식

3 GROUP BY

4 HAVING

6 ORDER BY

SELECT lnact, lnact\_seq, lnid, ln\_dt, ln\_term, ln\_amt

FROM tacct

WHERE ln\_amt > 2000000000 ;

SELECT lnact, lnact\_seq, lnid, ln\_dt, ln\_term, ln\_amt

FROM tacct

WHERE ln\_amt > '2000000000' ;

SELECT \*

FROM tid

WHERE grade = 'A';

SELECT \*

FROM tid

WHERE bthday = '1983/06/24';

SELECT \* -- ERROR

FROM tid

WHERE bthday = '06/24/1983' ;

SELECT \*

FROM tid

WHERE grade > 'A';

SELECT \*

FROM tid

WHERE bthday > '1983/06/24';

SELECT lnact, lnact\_seq, lnid, ln\_dt, ln\_term, ln\_amt

FROM tacct

WHERE ln\_amt BETWEEN 1000000000 AND 2000000000 ;

SELECT lnact, lnact\_seq, lnid, ln\_dt, ln\_term, ln\_amt

FROM tacct

WHERE ln\_amt BETWEEN 2000000000 AND 1000000000 ;

SELECT lnid, id\_typ, bthday, grade

FROM tid

WHERE grade IN ('AA+','AA','AA-') ;

SELECT lnid, id\_typ, bthday, grade

FROM tid

WHERE grade IN ('AA+','AA','AA-','A','A+','A-','AAA') ;

SELECT \*

FROM tcode

WHERE grade LIKE 'A%' ;

SELECT \*

FROM tcode

WHERE grade LIKE 'A\_' ;

SELECT \*

FROM TID

WHERE GENDER = '1' ;

SELECT \*

FROM TID

WHERE GENDER <> '1' ;

SELECT \*

FROM TID

WHERE GENDER IS NULL ;

SELECT lnact, lnact\_seq, acct\_typ, lmt\_typ, lnid, ln\_dt, ln\_amt

FROM tacct

WHERE ACCT\_TYP = '1' ;

SELECT lnact, lnact\_seq, acct\_typ, lmt\_typ, lnid, ln\_dt, ln\_amt

FROM tacct

WHERE ACCT\_TYP = '2' ;

SELECT lnact, lnact\_seq, acct\_typ, lmt\_typ, lnid, ln\_dt, ln\_amt

FROM tacct

WHERE lmt\_typ IS NULL ;

SELECT lnact, lnact\_seq, acct\_typ, lmt\_typ, lnid, ln\_dt, ln\_amt

FROM tacct

WHERE lmt\_typ IS NULL

AND ln\_dt >= '2022/01/01';

SELECT lnact, lnact\_seq, acct\_typ, prod\_cd, lnid, ln\_dt, ln\_amt

FROM tacct

WHERE prod\_cd = '101'

OR prod\_cd = '102' ;

SELECT lnact, lnact\_seq, acct\_typ, prod\_cd, lnid, ln\_dt, ln\_amt

FROM tacct

WHERE prod\_cd IN ('101', '102') ;

SELECT lnact, lnact\_seq, lnid, ln\_dt, ln\_term, ln\_amt

FROM tacct

WHERE ln\_amt BETWEEN 1000000000 AND 2000000000 ;

SELECT lnact, lnact\_seq, lnid, ln\_dt, ln\_term, ln\_amt

FROM tacct

WHERE ln\_amt >= 1000000000

AND ln\_amt <= 2000000000 ;

SELECT lnact, lnact\_seq, lnid, ln\_dt, ln\_term, ln\_amt

FROM tacct

WHERE ln\_amt > 1000000000

AND ln\_amt < 2000000000 ;

SELECT lnid, id\_typ, bthday, grade

FROM tid

WHERE grade NOT IN ('AA+','AA','AA-') ;

SELECT lnact, lnact\_seq, lnid, ln\_dt, ln\_term, ln\_amt

FROM tacct

WHERE ln\_amt NOT BETWEEN 1000000000 AND 2000000000 ;

SELECT \*

FROM TID

WHERE GRADE NOT LIKE 'A%' ;

SELECT \*   
 FROM TID

WHERE GENDER IS NOT NULL ;

SELECT \*

FROM TACCT

WHERE LN\_DT >= '2021/01/01'

AND PROD\_CD = '101'

OR PROD\_CD = '102' ;

SELECT \*

FROM TACCT

WHERE LN\_DT >= '2021/01/01'

AND (PROD\_CD = '101'

OR PROD\_CD = '102') ;

SELECT \*

FROM TACCT

WHERE LN\_DT >= '2021/01/01'

AND PROD\_CD IN ('101','102') ;

4장

5 SELECT : 검색 대상 표현식 (컬럼)

1 FROM : 검색 대상 집합 (테이블)

2 WHERE : 행 제한을 위한 조건식

3 GROUP BY

4 HAVING

6 ORDER BY : 정렬

SELECT \*

FROM TID

ORDER BY ID\_TYP, SCORE DESC ;

SELECT \*

FROM tid

ORDER BY bthday ;

SELECT \*

FROM tid

ORDER BY bthday DESC ;

SELECT lnact, lnact\_seq, lnid, ln\_dt, ln\_amt AS 대출금

FROM tacct

WHERE lmt\_typ IS NULL

ORDER BY 대출금 ;

SELECT lnact, lnact\_seq, lnid, ln\_dt, ln\_amt AS 대출금

FROM tacct

WHERE lmt\_typ IS NULL

ORDER BY 3 ;

SELECT lnact, lnact\_seq, lnid, ln\_dt, ln\_amt AS 대출금

FROM tacct

WHERE lmt\_typ IS NULL

ORDER BY 5, 4 DESC ;