--팀 예제

--1.회원 테이블 생성

CREATE TABLE MEMBER\_TBL(

MT\_NUMBER NUMBER,

MT\_ID VARCHAR2(70) NOT NULL UNIQUE,

MT\_PW VARCHAR2(100) NOT NULL,

MT\_NAME VARCHAR2(20) NOT NULL,

MT\_BIRTH VARCHAR2(8) NOT NULL,

MT\_GENDER VARCHAR2(10) NOT NULL,

MT\_EMAIL VARCHAR2(50) NOT NULL UNIQUE,

MT\_PHONE VARCHAR2(11) NOT NULL UNIQUE,

MT\_REGDATE DATE DEFAULT SYSDATE,

MT\_DISABLED VARCHAR2(10),

PRIMARY KEY(MT\_NUMBER)

);

COMMENT ON TABLE MEMBER\_TBL IS '회원정보';

COMMENT ON COLUMN MEMBER\_TBL.MT\_NUMBER IS '회원번호';

COMMENT ON COLUMN MEMBER\_TBL.MT\_ID IS '아이디';

COMMENT ON COLUMN MEMBER\_TBL.MT\_PW IS '비밀번호';

COMMENT ON COLUMN MEMBER\_TBL.MT\_NAME IS '이름';

COMMENT ON COLUMN MEMBER\_TBL.MT\_BIRTH IS '생년월일';

COMMENT ON COLUMN MEMBER\_TBL.MT\_GENDER IS '성별';

COMMENT ON COLUMN MEMBER\_TBL.MT\_EMAIL IS '이메일';

COMMENT ON COLUMN MEMBER\_TBL.MT\_PHONE IS '연락처';

COMMENT ON COLUMN MEMBER\_TBL.MT\_REGDATE IS '등록일';

COMMENT ON COLUMN MEMBER\_TBL.MT\_DISABLED IS '비활성화유무';

--1-1.회원번호 시퀀스 생성

CREATE SEQUENCE MEMBER\_SEQ

increment by 1

start with 1;

--2.상품 테이블 생성

CREATE TABLE PRODUCT\_TBL(

PT\_NUMBER NUMBER,

PT\_NAME VARCHAR2(20) NOT NULL,

PT\_TYPE VARCHAR2(20) NOT NULL,

PT\_PRICE NUMBER(10) NOT NULL,

PT\_EXPLAIN VARCHAR2(1000) NOT NULL,

PT\_REGDATE DATE DEFAULT SYSDATE,

PT\_STATUS VARCHAR2(10) NOT NULL,

PT\_THUMB VARCHAR2(200) NOT NULL,

PT\_IMAGE1 VARCHAR2(200),

PT\_IMAGE2 VARCHAR2(200),

PT\_IMAGE3 VARCHAR2(200),

PRIMARY KEY(PT\_NUMBER)

);

COMMENT ON TABLE PRODUCT\_TBL IS '상품정보';

COMMENT ON COLUMN PRODUCT\_TBL.PT\_NUMBER IS '상품번호';

COMMENT ON COLUMN PRODUCT\_TBL.PT\_NAME IS '상품명';

COMMENT ON COLUMN PRODUCT\_TBL.PT\_PRICE IS '상품가격';

COMMENT ON COLUMN PRODUCT\_TBL.PT\_EXPLAIN IS '상품설명';

COMMENT ON COLUMN PRODUCT\_TBL.PT\_REGDATE IS '상품등록일';

COMMENT ON COLUMN PRODUCT\_TBL.PT\_STATUS IS '대여가능유무';

COMMENT ON COLUMN PRODUCT\_TBL.PT\_THUMB IS '상품썸네일';

COMMENT ON COLUMN PRODUCT\_TBL.PT\_IMAGE1 IS '상품이미지1';

COMMENT ON COLUMN PRODUCT\_TBL.PT\_IMAGE2 IS '상품이미지2';

COMMENT ON COLUMN PRODUCT\_TBL.PT\_IMAGE3 IS '상품이미지3';

--2-1.상품번호 시퀀스 생성

CREATE SEQUENCE PRODUCT\_SEQ

increment by 1

start with 1;

--3.예약 테이블 생성

CREATE TABLE RESERVATION\_TBL(

REST\_NUMBER NUMBER,

MT\_NUMBER NUMBER,

PT\_NUMBER NUMBER,

REST\_BNUMBER NUMBER NOT NULL,

REST\_BNAME VARCHAR2(20) NOT NULL,

REST\_NAME VARCHAR2(20) NOT NULL,

REST\_PHONE VARCHAR2(11) NOT NULL,

REST\_STATUS VARCHAR2(5) NOT NULL,

REST\_TOTAL NUMBER(10) NOT NULL,

REST\_EXPRENT DATE NOT NULL,

REST\_PAYOPTION VARCHAR2(20) NOT NULL,

REST\_REGDATE DATE DEFAULT SYSDATE NOT NULL,

REST\_COUNT NUMBER(5) NOT NULL,

PRIMARY KEY(REST\_NUMBER),

foreign key(MT\_NUMBER) references MEMBER\_TBL(MT\_NUMBER),

foreign key(PT\_NUMBER) references PRODUCT\_TBL(PT\_NUMBER)

);

COMMENT ON TABLE RESERVATION\_TBL IS '예약정보';

COMMENT ON COLUMN RESERVATION\_TBL.REST\_NUMBER IS '예약번호';

COMMENT ON COLUMN RESERVATION\_TBL.MT\_NUMBER IS '회원번호';

COMMENT ON COLUMN RESERVATION\_TBL.PT\_NUMBER IS '상품번호';

COMMENT ON COLUMN RESERVATION\_TBL.REST\_BNUMBER IS '예약묶음번호';

COMMENT ON COLUMN RESERVATION\_TBL.REST\_BNAME IS '예약지점명';

COMMENT ON COLUMN RESERVATION\_TBL.REST\_NAME IS '예약자명';

COMMENT ON COLUMN RESERVATION\_TBL.REST\_PHONE IS '예약자연락처';

COMMENT ON COLUMN RESERVATION\_TBL.REST\_STATUS IS '예약상태';

COMMENT ON COLUMN RESERVATION\_TBL.REST\_TOTAL IS '이용금액';

COMMENT ON COLUMN RESERVATION\_TBL.REST\_EXPRENT IS '대여예상일시';

COMMENT ON COLUMN RESERVATION\_TBL.REST\_PAYOPTION IS '결제방법';

COMMENT ON COLUMN RESERVATION\_TBL.REST\_REGDATE IS '예약등록일';

COMMENT ON COLUMN RESERVATION\_TBL.REST\_COUNT IS '수량';

--3-1. 예약번호 시퀀스 생성

CREATE SEQUENCE RESERVATION\_SEQ

increment by 1

start with 1;

--4. 대여/반납 테이블 만들기 : RENTAL\_TBL

CREATE TABLE RENTAL\_TBL(

RENT\_NUMBER NUMBER,

REST\_NUMBER NUMBER,

MT\_NUMBER NUMBER,

PT\_NUMBER NUMBER,

RENT\_STATUS VARCHAR2(10) NOT NULL,

RENT\_OVERTIME NUMBER(5),

RENT\_ADDCOST NUMBER(10),

RENT\_ACTRENT DATE NOT NULL,

RENT\_EXPRETRUN DATE NOT NULL,

RENT\_ACTRETRUN DATE NOT NULL,

PRIMARY KEY(RENT\_NUMBER),

foreign key(REST\_NUMBER) references RESERVATION\_TBL(REST\_NUMBER),

foreign key(MT\_NUMBER) references MEMBER\_TBL(MT\_NUMBER),

foreign key(PT\_NUMBER) references PRODUCT\_TBL(PT\_NUMBER)

);

COMMENT ON TABLE RENTAL\_TBL IS '대여/반납';

COMMENT ON COLUMN RENTAL\_TBL.RENT\_NUMBER IS '대여번호';

COMMENT ON COLUMN RENTAL\_TBL.MT\_NUMBER IS '회원번호';

COMMENT ON COLUMN RENTAL\_TBL.PT\_NUMBER IS '상품번호';

COMMENT ON COLUMN RENTAL\_TBL.RENT\_STATUS IS '이용번호';

COMMENT ON COLUMN RENTAL\_TBL.RENT\_OVERTIME IS '초과시간';

COMMENT ON COLUMN RENTAL\_TBL.RENT\_ADDCOST IS '추가비용';

COMMENT ON COLUMN RENTAL\_TBL.RENT\_ACTRENT IS '실대여일시';

COMMENT ON COLUMN RENTAL\_TBL.RENT\_EXPRETRUN IS '반납예상일시';

COMMENT ON COLUMN RENTAL\_TBL.RENT\_ACTRETRUN IS '실반납일시';

--4-1. 대여반납 시퀀스 생성

CREATE SEQUENCE RENTAL\_SEQ

increment by 1

start with 1;

--5 후기 게시판

CREATE TABLE REVIEW\_TBL(

REVT\_NUMBER NUMBER,

MT\_NUMBER NUMBER,

REVT\_TITLE VARCHAR2(100) NOT NULL,

REVT\_WRITER VARCHAR2(20) NOT NULL,

REVT\_CONTENT VARCHAR2(1000) NOT NULL,

REVT\_REGDATE DATE NOT NULL,

REVT\_TUMBNAIL VARCHAR2(200) NOT NULL,

REVT\_IMAGE1 VARCHAR2(200),

REVT\_IMAGE2 VARCHAR2(200),

REVT\_IMAGE3 VARCHAR2(200),

REVT\_PW VARCHAR2(20) NOT NULL,

REVT\_READCNT NUMBER(5) NOT NULL,

REVT\_BRANCH VARCHAR2(20) NOT NULL,

PRIMARY KEY(REVT\_NUMBER),

foreign key(MT\_NUMBER) references MEMBER\_TBL(MT\_NUMBER)

);

COMMENT ON TABLE REVIEW\_TBL IS '후기게시판';

COMMENT ON COLUMN REVIEW\_TBL.REVT\_NUMBER IS '후기번호';

COMMENT ON COLUMN REVIEW\_TBL.MT\_NUMBER IS '회원번호';

COMMENT ON COLUMN REVIEW\_TBL.REVT\_TITLE IS '후기글제목';

COMMENT ON COLUMN REVIEW\_TBL.REVT\_WRITER IS '후기글작성자';

COMMENT ON COLUMN REVIEW\_TBL.REVT\_CONTENT IS '후기글내용';

COMMENT ON COLUMN REVIEW\_TBL.REVT\_REGDATE IS '후기글등록일';

COMMENT ON COLUMN REVIEW\_TBL.REVT\_TUMBNAIL IS '썸네일';

COMMENT ON COLUMN REVIEW\_TBL.REVT\_IMAGE1 IS '이미지1';

COMMENT ON COLUMN REVIEW\_TBL.REVT\_IMAGE2 IS '이미지2';

COMMENT ON COLUMN REVIEW\_TBL.REVT\_IMAGE3 IS '이미지3';

COMMENT ON COLUMN REVIEW\_TBL.REVT\_PW IS '비밀번호';

COMMENT ON COLUMN REVIEW\_TBL.REVT\_READCNT IS '조회수';

COMMENT ON COLUMN REVIEW\_TBL.REVT\_BRANCH IS '이용지점명';

--5-1. 후기번호 시퀀스 생성

CREATE SEQUENCE REVIEW\_SEQ

increment by 1

start with 1;

--6 문의 게시판

CREATE TABLE QUESTION\_TBL(

QT\_NUMBER NUMBER NOT NULL,

MT\_NUMBER NUMBER NOT NULL,

QT\_TITLE VARCHAR2(100) NOT NULL,

QT\_CONTENT VARCHAR2(1000) NOT NULL,

QT\_STATUS VARCHAR2(20) NOT NULL,

QT\_PW VARCHAR2(20) NOT NULL,

QT\_REGDATE DATE NOT NULL,

QT\_WRITER VARCHAR2(20) NOT NULL,

QT\_FILE VARCHAR2(200),

QT\_STEP NUMBER(5),

QT\_LEVEL NUMBER(5),

PRIMARY KEY(QT\_NUMBER),

foreign key(MT\_NUMBER) references MEMBER\_TBL(MT\_NUMBER)

);

COMMENT ON TABLE QUESTION\_TBL IS '문의게시판';

COMMENT ON COLUMN QUESTION\_TBL.QT\_NUMBER IS '문의게시글번호';

COMMENT ON COLUMN QUESTION\_TBL.MT\_NUMBER IS '회원번호';

COMMENT ON COLUMN QUESTION\_TBL.QT\_TITLE IS '문의글제목';

COMMENT ON COLUMN QUESTION\_TBL.QT\_CONTENT IS '문의글내용';

COMMENT ON COLUMN QUESTION\_TBL.QT\_STATUS IS '문의글카테고리';

COMMENT ON COLUMN QUESTION\_TBL.QT\_PW IS '문의글비밀번호';

COMMENT ON COLUMN QUESTION\_TBL.QT\_REGDATE IS '문의글등록일자';

COMMENT ON COLUMN QUESTION\_TBL.QT\_WRITER IS '문의글작성자';

COMMENT ON COLUMN QUESTION\_TBL.QT\_FILE IS '첨부파일';

--6-1 문의게시판 시퀀스

CREATE SEQUENCE QUESTION\_SEQ

increment by 1

start with 1;

--7 공지사항

CREATE TABLE NOTICE\_TBL(

NT\_NUMBER NUMBER NOT NULL,

NT\_TITLE VARCHAR2(100) NOT NULL,

NT\_WRITER VARCHAR2(20) NOT NULL,

NT\_CONTENT VARCHAR2(1000) NOT NULL,

NT\_REGDATE DATE NOT NULL,

NT\_READCNT NUMBER(5) NOT NULL,

PRIMARY KEY(NT\_NUMBER)

);

COMMENT ON TABLE NOTICE\_TBL IS '공지사항';

COMMENT ON COLUMN NOTICE\_TBL.NT\_NUMBER IS '공지사항\_게시글번호';

COMMENT ON COLUMN NOTICE\_TBL.NT\_TITLE IS '공지사항\_제목';

COMMENT ON COLUMN NOTICE\_TBL.NT\_WRITER IS '공지사항\_작성자';

COMMENT ON COLUMN NOTICE\_TBL.NT\_CONTENT IS '공지사항\_내용';

COMMENT ON COLUMN NOTICE\_TBL.NT\_REGDATE IS '공지사항\_등록일';

COMMENT ON COLUMN NOTICE\_TBL.NT\_READCNT IS '공지사항\_조회수';

--7-1 공지사항 시퀀스

CREATE SEQUENCE NOTICE\_SEQ

increment by 1

start with 1;

COMMENT ON TABLE NOTICE\_TBL IS '공지사항';

COMMENT ON COLUMN NOTICE\_TBL.NT\_NUMBER IS '공지사항\_게시글번호';

COMMENT ON COLUMN NOTICE\_TBL.NT\_TITLE IS '공지사항\_제목';

COMMENT ON COLUMN NOTICE\_TBL.NT\_WRITER IS '공지사항\_작성자';

COMMENT ON COLUMN NOTICE\_TBL.NT\_CONTENT IS '공지사항\_내용';

COMMENT ON COLUMN NOTICE\_TBL.NT\_REGDATE IS '공지사항\_등록일';

COMMENT ON COLUMN NOTICE\_TBL.NT\_READCNT IS '공지사항\_조회수';

--8. 암호화 테이블

CREATE TABLE SECURITY\_TBL(

MT\_ID VARCHAR2(70),

SALT VARCHAR2(70),

PRIMARY KEY(MT\_ID)

);

--9. 로그인 저장 정보 테이블

CREATE TABLE HISTORY\_TBL(

ht\_number number,

mt\_id VARCHAR2(70),

ht\_retry NUMBER DEFAULT 0,

ht\_lastFail NUMBER DEFAULT 0,

ht\_lastSuccess NUMBER DEFAULT 0,

ht\_Ip VARCHAR2(20),

CONSTRAINT history\_tbl\_pk PRIMARY key(ht\_number)

);

comment on table history\_tbl is'로그인 정보저장 테이블';

COMMENT on COLUMN history\_tbl.ht\_number is '순번';

COMMENT on COLUMN history\_tbl.mt\_id is '로그인 아이디';

COMMENT on COLUMN history\_tbl.ht\_retry is '로그인 시도횟수';

COMMENT on COLUMN history\_tbl.ht\_lastFail is '마지막으로 실패한 로그인 시간';

COMMENT on COLUMN history\_tbl.ht\_lastSuccess is '마지막으로 성공한 로그인 시간';

COMMENT on COLUMN history\_tbl.ht\_Ip is '로그인한 사용자의 ip 주소';

--9-1. 로그인 정보 저장시 사용할 순번(시퀀스)

CREATE SEQUENCE HISTORY\_SEQ;

--테이블 조회

SELECT \*

FROM MEMBER\_TBL;

SELECT \*

FROM PRODUCT\_TBL;

SELECT \*

FROM RENTAL\_TBL;

SELECT \*

FROM RESERVATION\_TBL;

SELECT \*

FROM REVIEW\_TBL;

SELECT \*

FROM QUESTION\_TBL;

SELECT \*

FROM NOTICE\_TBL;

SELECT \*

FROM SECURITY\_TBL;

SELECT \*

FROM HISTORY\_TBL;

--테이블 제거

DROP TABLE MEMBER\_TBL;

DROP TABLE PRODUCT\_TBL;

DROP TABLE RESERVATION\_TBL;

DROP TABLE RENTAL\_TBL;

DROP TABLE QUESTION\_TBL;

DROP TABLE REVIEW\_TBL;

DROP TABLE NOTICE\_TBL;

DROP TABLE SECURITY\_TBL;

DROP TABLE HISTORY\_TBL;

--시퀀스 삭제

DROP SEQUENCE MEMBER\_SEQ;

DROP SEQUENCE PRODUCT\_SEQ;

DROP SEQUENCE RESERVATION\_SEQ;

DROP SEQUENCE RENTAL\_SEQ;

DROP SEQUENCE QUESTION\_SEQ;

DROP SEQUENCE REVIEW\_SEQ;

DROP SEQUENCE NOTICE\_SEQ;

DROP SEQUENCE SECURITY\_SEQ;

DROP SEQUENCE HISTORY\_SEQ;