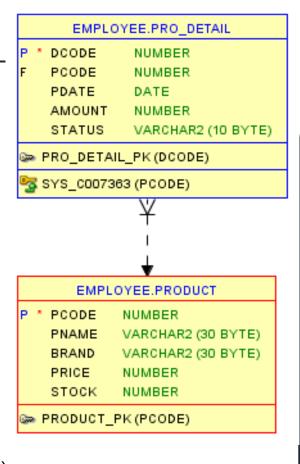
# **TRIGGER**

테이블이나 뷰가 INSERT, UPDATE, DELETE 등의 DML문에 의해 변경될 경우 자동으로 실행될 내용을 정의하여 저장하는 객체

#### ✓ 예시

#### ✓ 예시1

```
CREATE TABLE PRODUCT(
       PCODE NUMBER PRIMARY KEY,
       PNAME VARCHAR2(30),
       BRAND VARCHAR2(30),
       PRICE NUMBER,
       STOCK NUMBER DEFAULT 0
CREATE TABLE PRO_DETAIL(
       DCODE NUMBER PRIMARY KEY,
       PCODE NUMBER,
       PDATE DATE,
       AMOUNT NUMBER,
       STATUS VARCHAR2(10) CHECK (STATUS IN ('입고', '출고')),
       FOREIGN KEY (PCODE) REFERENCES PRODUCT(PCODE)
```



#### ✓ 예시1



샤우미

6000000

3 대륙폰

**INSERT INTO PRODUCT** 

**CREATE SEQUENCE** SEQ\_PCODE;

**CREATE SEQUENCE** SEQ\_DCODE;

VALUES(SEQ\_PCODE.NEXTVAL, '갤럭스노트8', '삼송', 900000, DEFAULT);

**INSERT INTO PRODUCT** 

VALUES(SEQ\_PCODE.NEXTVAL, '아이뽀8', '사과', 1000000, DEFAULT);

**INSERT INTO PRODUCT** 

**VALUES**(SEQ\_PCODE.NEXTVAL, '대륙폰', '샤우미', 600000, DEFAULT);

#### ✓ 예시1

```
CREATE OR REPLACE TRIGGER TGR_02
AFTER INSERT ON PRO_DETAIL
       FOR EACH ROW
              BEGIN
                     IF:NEW.STATUS = '입고'
                     THEN
                            UPDATE PRODUCT SET STOCK = STOCK + :NEW.AMOUNT
                            WHERE PCODE = :NEW.PCODE;
                     END IF;
                     IF:NEW.STATUS = '출고'
                     THEN
                            UPDATE PRODUCT SET STOCK = STOCK - :NEW.AMOUNT
                            WHERE PCODE = :NEW.PCODE;
                     END IF;
END;
                                                   Trigger TGR 02이(가) 컴파일되었습니다.
```

#### √ 예시1

INSERT INTO PRO\_DETAIL VALUES (SEQ\_DCODE.NEXTVAL,1, SYSDATE, 5, '입고');
INSERT INTO PRO\_DETAIL VALUES (SEQ\_DCODE.NEXTVAL,2, SYSDATE, 10, '입고');
INSERT INTO PRO\_DETAIL VALUES (SEQ\_DCODE.NEXTVAL,3, SYSDATE, 20, '입고');
INSERT INTO PRO\_DETAIL VALUES (SEQ\_DCODE.NEXTVAL,1, SYSDATE, 1, '출고');
INSERT INTO PRO\_DETAIL VALUES (SEQ\_DCODE.NEXTVAL,2, SYSDATE, 7, '출고');
INSERT INTO PRO\_DETAIL VALUES (SEQ\_DCODE.NEXTVAL,3, SYSDATE, 11, '출고');

📌 🖺 🔞 📚 SQL   인출된 모든 행: 6(0,016초)										
	∯ DCODE	⊕ PCODE								
1	1	1	17/09/27	5	입고					
2	2	2	17/09/27	10	입고					
3	3	3	17/09/27	20	입고					
4	4	1	17/09/27	1	출고					
5	5	2	17/09/27	7	출고					
6	6	3	17/09/27	11	출고					

🥕 🖺 🝓 🕵 SQL   인출된 모든 행: 3(0초)								
	⊕ PCODE	₱ PNAME	⊕ BRAND	⊕ PRICE	∯ STOCK			
1	1	갤럭스노트8	삼송	900000	4			
2	2	아이뽀8	사과	1000000	3			
3	3	대륙폰	샤우미	600000	9			