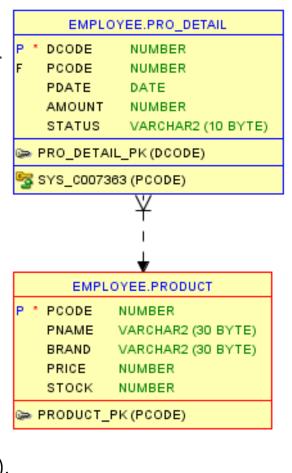
TRIGGER

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

```
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



CREATE SEQUENCE SEQ_PCODE;

CREATE SEQUENCE SEQ_DCODE;

	♦ PCODE	♦ PNAME	⊕ BRAND	₱ PRICE	\$ STOCK
1	1	갤럭스노트8	삼송	900000	0
2	2	아이뽀8	사과	1000000	0
3	3	대륙폰	샤우미	600000	0

INSERT INTO PRODUCT

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);

```
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.
```

```
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');
```

	達 🖺 🝓 😪 SQL 인출된 모든 행: 6(0,016초)								
∯ DCOD	E ∯ PCODE			∯ STATUS					
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			