

## Lab 6 - Trigger 2

```
1  CREATE OR REPLACE TRIGGER UPDATE_SUMM_UPD
2  AFTER UPDATE OF JOB ON IMP
3  FOR EACH ROW
4
5  DECLARE
6  N number;
7  M number;
8
9  BEGIN
10 --acquisisco num impiegati vecchio lavoro
11 SELECT NUM INTO N
12 FROM SUMMARY
13 WHERE JOB = :OLD.JOB;
14
15 --unico impiegato -> cancello job
16 IF(N=1) THEN
17     DELETE FROM SUMMARY
18     WHERE JOB = :OLD.JOB;
19 --più di uno -> aggiorno num
20 ELSE
21     UPDATE SUMMARY
22     SET NUM = N-1
23     WHERE JOB = :OLD.JOB;
24 END IF;
25
26 --acquisisco num impiegati nuovo job
27 SELECT COUNT(*) INTO M
28 FROM SUMMARY
29 WHERE JOB = :NEW.JOB;
30
31 --nessuno -> inserisco nuovo job
32 IF(M=0) THEN
33     INSERT INTO SUMMARY(JOB, NUM)
34     VALUES(:NEW.JOB, 1);
35 --già presente -> aggiorno num
36 ELSE
37     UPDATE SUMMARY
38     SET NUM = M+1
39     WHERE JOB = :NEW.JOB;
40 END IF;
41 END;
```