Exercises *Databases*
Session 4: triggers

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triggers

Exercise 25

Suppose we have a relation `EMP(empno,name,sal)` with employee id-numbers, names and salaries. The maximum value of `sal` is retrieved very often, so we maintain a separate table `Maxsal(val)`. This table contains exactly one tuple, consisting of a single value representing the maximum value of `sal`.
Write row level triggers to keep `Maxsal` up to date. Consider only update statements on `Emp`, no 'deletes' or 'inserts'.
Is it possible to use a statement level trigger in this case? If so, which approach do you prefer? Explain.