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Wo10 Assignment

For searched case expression, it goes through the conditions and if one of the condition is met to be true, it will stop reading and returns the value and two conditions can be true. And if non of the condition is met to be true, the value in the ELSE clause is returned.

For the simple case expression being not flexible, there are no personal conditions are created.

Forexample(simple case eexpression):

CASE 100

WHEN 0 THEN ‘first number in programming’

WHEN 5 THEN ‘fourth number in programming’

…………………….

ELSE ‘try and find it’

END;

The conditional update statement updates values in tables from old to present. Forexample if the last days recorded for a certain student for being present in class is not current, the conditional update statement is used to correct days for only those students whose days are not current leaving the current ones current.

Forexample (following the example from the readind but using students in this case)

UPDATE students

SET present =

CASE

WHEN 80 <= (SELECT datediff(now(),

Max(study\_date))

FROM school s

WHERE s.students\_id = students.student\_id

THEN 0

ELSE 1

END

WHERE present = 1;

With the aggregat function like SUM(), AVR(), COUNT(). CASE expression returns results basing on all conditions used in the query. Using the SUM() function:

SELECT

SUM (CASE

WHEN letter = ‘N’ THEN 1

ELSE 0

END) AS ‘N’;

SUM (CASE

WHEN letter = ‘S’ THEN 1

ELSE 0

END) AS ‘S’;

SUM (CASE

WHEN letter = ‘W’ THEN 1

ELSE 0

END) AS ‘W’

COUNT(\*) AS Number of letters

FROM names;