Scan

Scan[f, expr] evaluates f applied to each element of expr in turn.

Scan[f, expr, levelspec] applies f to parts of expr specified by levelspec.

Scan[f, expr] discards the results of applying f to the subexpressions in expr. Unlike Map, Scan does build up a new expression to return. You can use Return to exit from Scan. Return[ret] causes the final value of Scan to be ret. If no explicit return values are specified, the final result from Scan is Null. Scan is useful in carrying out an operation on parts of expressions where the operation has a "side effect", such as making an assignment. Level specifications are described on page ??.

The default value for levelspec in Scan is {1}. See page 183. See also: Apply, Map, Level.