

Algorithmic Expression compilation and calculation
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Arithmetic expression became the central role of every developing system that use the mathematical equations as one of its columns, these arithmetic are started to computed since the human started breath using the bar numbers and continue to expand and improved and represents the way that advance the human prosperity.

We have applied SLR(1) parsing algorithm with the help of canonical LR(0) collection, the parsing table is built and traced using the available tools, after that any input mathematical equations with the chosen arithmetic expression are tested and calculated in case of no error in the input equation.