Bottom-Up Parse Workshop - Summer 2017

Draw the Parse tree for this <statement-list> using the Compiler Precedence Matrix, and the Top - Down grammar. The tree should grow up toward the top of the page.



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Insert the left / center / right parse precedence markers as you draw the tree.

<statement-list>;

<statement>;

<statement>;

<statement>;

<N9> <assign> ;

<N5> <assign> ; <N9>



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<**.**

<N5> variance := <N7> ; <N3> <write> ;



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<**.**

mean := <N3> ; variance := <N5> - <N6> ; WRITE ( <N1> <N2> )



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mean := <N1> DIV <N2> ; variance := <N1> DIV <N2> - <N3> \* <N4> ; WRITE ( <N1> , variance )



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<**.mean := sum DIV 100 ; variance := sumSQ DIV 100 - mean \* mean ; WRITE ( mean , variance ).**>



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