

Examples: The following table provides the correct tokenization for a few instances of G++ language. Note that lexical syntax error messages should give some information about the error encountered.

<pre>;; helloworld.g++ (deffun sumup (x) (if (equal x 0) 1 (+ x (sumup (- x 1)))))</pre>	<pre>COMMENT OP_OP KW_DEFFUN IDENTIFIER OP_OP IDENTIFIER OP_CP OP_OP</pre>
<pre>(list 1 2 123)</pre>	<pre>OP_OP KW_LIST VALUE VALUE VALUE VALUE OP_CP</pre>
<pre>(liste 1 2 3)</pre>	<pre>OP_OP SYNTAX_ERROR liste cannot be tokenized</pre>