**Report Compiler Construction Lab Project 1B: Extended Lexical Analyzer**

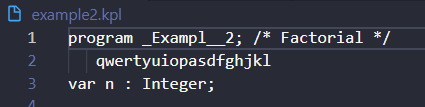
Name: Hoàng Thanh Lâm

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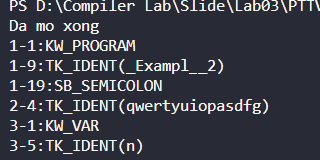
Result of running the scanner project with example2.kpl :

1. Case Identifiers:

The first letter of an identifier should be either a letter or an underscore

And only 15 characters are significant

The result is:

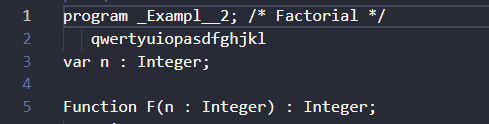


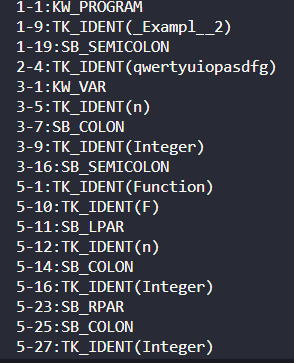
1. Case Keywords: All keywords must be written in lowercase:

program is keywords

Function is not keywords because it written in both lowercase and

uppercase.

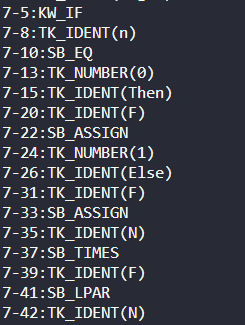




1. Case Comments: Multi-line Comments : between /\* and \*/

Already showed in picture case 2.

1. Case Special Symbols: Assign operator =, relop: equal to == :



1. Case : Character/String constants: Use an addition character \ for 2 constants single quote and backslash, that is ‘\’’ for a single quote and ‘\\’for backslash :

