

## Functional Test Table

Test Case #	Test Purpose	Test Procedure	Required Inputs	Expected Results	Results	Pass/Fail
1	To test an Identifier token - writeln	Assert that the require input is present in input file NEWTON.PAS at line 11	writeln;	11: writeln; >> <IDENTIFIER> writeln >> ; ;	11: writeln; >> <IDENTIFIER> writeln >> ; ;	Pass
2	To test a Number token - 1	Assert that the require input is present in input file NEWTON.PAS at line 26	root := 1;	26: root := 1;  >> <IDENTIFIER> root >> := := >> <NUMBER> 1 >> ; ;	26: root := 1;  >> <IDENTIFIER> root >> := := >> <NUMBER> 1 >> ; ;	Pass
3	To test a Reserve word (Key word) token - CONST	Assert that the require input is present in input file NEWTON.PAS at line 3	CONST	3: CONST >> CONST const	3: CONST >> CONST const	Pass
4	To test a special character token - parentensis	Assert that the require input is present in input file NEWTON.PAS at line 13	read(number);	13: read(number); >> <IDENTIFIER> read >> ( ( >> <IDENTIFIER> number >> ) ) >> ; ;	13: read(number); >> <IDENTIFIER> read >> ( ( >> <IDENTIFIER> number >> ) ) >> ; ;	Pass
5	To test a special character token - the period (.)	Assert that the require input is present in input file NEWTON.PAS at line 13	END.	35: END. >> END end >> . .	35: END. >> END end >> . .	Pass