Test Paths and Data

1. **Is_keyword**

Passing Parameters	Expected Output	Test path
and	True	{1,2}
or	True	{1,2}
if	True	{1,2}
xor	True	{1,2}
lambda	True	{1,2}
=>	True	{1,2}
qwerty	False	{1,3}

2. s_token_end

Passing Parameters	Expected Output	Test path
(5,-1)	True	{1}
(5,1)	False	{1,3,15}
(1,1)	True	{1,3,5}
(2,1)	True	{1,7,9}
(-1,-1)	True	{1}

3.Token_type

Passing Parameters	Expected Output	Test path
or	1	{1,2}
,	2	{3,4}
a2	3	{5,6}
7	41	{7,8}
123	42	{9,10}
#a	43	{11,12}
;a	5	{13,14}

4. Print_token

Passing Parameters	Expected Output	Test path
or	keyword , or	{3,4}
)	)	{5,6}
aa	Identifier, aa	{7,8}
123	Numeric, 123	{9,10}
#b	Character, #b	{11,12}
**	Error, **	{1,2}

5. Is_comment

Passing Parameters	Expected Output	Test path
;a	True	{1,2}
;1	True	{1,2}
b	False	{1,3}
2	False	{1,3}

6. ls_char_constant

Passing Parameters	Expected Output	Test path
#a	True	{1,2,3,4}
#b	True	{1,2,3,4}
#c	True	{1,2,3,4}
#d	True	{1,2,3,4}
e	False	{1,6}

7.is_num_constant

Passing Parameters	Expected Output	Test path
123	True	{1,2,3,4}
1	True	{1,2,3,4}
321	True	{1,2,3,4}
a	False	{1,6}

8. Is_str_constant

Passing Parameters	Expected Output	Test path
"\"asd"\"	True	{1,2,3,4}
"\"123"\"	True	{1,2,3,4}
"\abc\"	False	{1,2,3,4}
"\456\"	False	{1,2,6}

9. Is_identifier

Passing Parameters	Expected Output	Test path
a	True	{1,2,3,4}
aa	True	{1,2,3,4}
a1	True	{1,2,3,4}
a2	True	{1,2,3,4}
2a	False	{1,2,6}
1a	False	{1,2,6}

10. Print_spec_symbol

Passing Parameters	Expected Output	Test path
(	lparen	{1,2}
)	rparen	{3,4}
[	lsquare	{5,6}
]	rsquare	{7,8}
'	quote	{9,10}
`	bquote	{11,12}
b	Returns nothing	There is no test path

11. Is_spec_symbol

Passing Parameters	Expected Output	Test path
(	True	{1,2}
)	True	{3,4}
[	True	{5,6}
]	True	{7,8}
/	True	{9,10}
`	True	{11,12}
,	True	{13,14}
\	False	{1,15}