

The test case application automatically generates table of tests. (Professor said this was fine just like this via email)

Running valid expression tests...		
1	(T   F) \$ F	Passed
2	! (T & T)	Passed
3	(F @ T)   (T @ F)	Passed
4	(T \$ T) & F	Passed
5	! F   ! T	Passed
6	(((((T   F) & F)   (T & (T   F))) @ (T @ T)) \$ (! (T   F)))	Passed
7	((F \$ ((T   F) & (F @ (T   F))))   (T \$ (T & F)))	Passed
8	(((! (T \$ F)) & (T @ T))   ((F   T) & (T \$ T)))	Passed
9	((T @ T) \$ (F @ T))   ((!T) & (T   (!T)))	Passed
10	((F @ T) \$ (T   (F & F))) & (T & (T @ (!T)))	Passed
11	F @ F	Passed
12	F @ T	Passed
13	T @ T	Passed
14	T \$ T	Passed
15	F \$ T	Passed
16	F \$ F	Passed
17	T \$ F	Passed
18	!T	Passed
19	!F	Passed
20	(T & F)   !(F & T)	Passed
21	(T   F) & !(F   T)	Passed
22	!(T   F) \$ !(F & T)	Passed
23	(T   F) @ !(T \$ F)	Passed
24	!(T & F) \$ !(T   F)	Passed
25	!(T   F) @ (T & F)	Passed
26	(T & F)   ((T   F) & !(F & T))	Passed
27	!(T \$ F) @ !(T @ F)	Passed
28	!(T & F)	Passed
29	T   F	Passed
30	!(T   T)	Passed
31	F & T	Passed
32	T @ F	Passed
33	!(T \$ T)	Passed
34	T   (F & T)	Passed
35	(T @ F)   (T & F)	Passed
36	(F & T) \$ (T   F)	Passed
37	!(T \$ F)	Passed
38	(T   F) & (T & F)	Passed
39	!(F @ T)	Passed
40	T & (F   T)	Passed
41	!(T \$ T)	Passed
42	(F @ T)   (T \$ F)	Passed
43	!(T   F)	Passed
44	(T & F)   (F @ T)	Passed
45	!(T & T)	Passed
46	(T \$ F) & (F @ T)	Passed
47	!(F & T)	Passed
48	(T & F) & F @ T	Passed
49	T & T	Passed
50	T & F	Passed
51	F & F	Passed
52	F & T	Passed
53	T   F	Passed
54	T   T	Passed
55	F   F	Passed
56	F   T	Passed
56 OUT OF 56 PASSED		

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Running invalid expression tests...
Correctly caught an error for: ! & T - Parse error: Missing operands - Expected the start of a new expression (T, F, '(', !, or a variable) after the operator: &
Found at:
! & T
^
Found token: &
Error occurred while parsing:
! & T
^

Correctly caught an error for: T ? T - Parse error: Tokenization error - Found invalid byte: '?' Expected one of the following operators: !, @, $, &, |, = or an ascii variable.
Error occurred while parsing:
T ? T
^

Correctly caught an error for: ( T ) - Parse error: Missing operands - Expected the start of a new expression (T, F, '(', !, or a variable) after the operator: )
Found at:
( T )
^
Found token: )
Error occurred while parsing:
( T )
^

Correctly caught an error for: T = !(T & T) - Unsupported operator: =
Correctly caught an error for: - Empty expression: No operands or operators present
Correctly caught an error for: T & - Parse error: Missing operator - Expected an operator after the operand at:
T &
^
Instead found:
Correctly caught an error for: T | | T - Parse error: Missing operands - Expected the start of a new expression (T, F, '(', !, or a variable) after the operator: |
Found at:
T | | T
^
Found token: |
Error occurred while parsing:
T | | T
^

Correctly caught an error for: ( T & ( F ) ) - Parse error: Missing operands - Expected the start of a new expression (T, F, '(', !, or a variable) after the operator: )
Found at:
( T & ( F ) )
^
Found token: )
Error occurred while parsing:
( T & ( F ) )
^

Correctly caught an error for: ( & T ) - Parse error: Missing operands - Expected the start of a new expression (T, F, '(', !, or a variable) after the operator: &
Found at:
( & T )
^
Found token: &
Error occurred while parsing:
( & T )
^

Correctly caught an error for: T ( | F ) - Parse error: Missing operator - Expected an operator after the operand at:
T ( | F )
^
Instead found: (
Error occurred while parsing:
T ( | F )
^

Correctly caught an error for: ( T & ( T | ) F ) - Parse error: Missing operands - Expected the start of a new expression (T, F, '(', !, or a variable) after the operator: )
Found at:
( T & ( T | ) F )
^
Found token: )
Error occurred while parsing:
( T & ( T | ) F )
^

Correctly caught an error for: T | T & - Parse error: Missing operator - Expected an operator after the operand at:
T | T &
^
Instead found: the end of the expression.
Error occurred while parsing:
T | T &
^

Correctly caught an error for: T | T F T - Parse error: Missing operator - Expected an operator after the operand at:
T | T F T
^
Instead found: F
Error occurred while parsing:
T | T F T
^

400 OUT OF 400 INVALID CASES PASSED
Press ENTER to exit.
```