

Our program automatically makes a table showing the test cases. *(The profesor said it was okay to show them just like this via email.)*

C:\Users\Mitchell\OneDrive\Desktop\Truthy\src\Debug\TruthyTest.exe

Test Case Phase 1: Testing for correctness

ID	Expression	Expected	Result	Pas/Fail
0	(T   F) \$ F	true	true	Passed
1	! (T & T)	false	false	Passed
2	(F @ T)   (T @ F)	true	true	Passed
3	(T \$ T) & F	false	false	Passed
4	! F   ! T	true	true	Passed
5	(((((T   F) & F)   (T & (T   F))) @ (T @ T)) \$ (! (T   F)))	true	true	Passed
6	((F \$ ((T   F) & (F @ (T   F))))   (T \$ (T & F)))	true	true	Passed
7	(((! (T \$ F)) & (T @ T))   ((F   T) & (T \$ T)))	false	false	Passed
8	((T @ T) \$ (F @ T))   ((!T) & (T   (!T)))	true	true	Passed
9	((F @ T) \$ (T   (F & F))) & (T & (T @ (!T)))	false	false	Passed
10	F @ F	true	true	Passed
11	F @ T	true	true	Passed
12	T @ T	false	false	Passed
13	T \$ T	false	false	Passed
14	F \$ T	true	true	Passed
15	F \$ F	false	false	Passed
16	!T	false	false	Passed
17	!F	true	true	Passed
18	(T & F)   !(F & T)	true	true	Passed
19	(T   F) & !(F   T)	false	false	Passed
20	!(T   F) \$ !(F & T)	true	true	Passed
21	(T   F) @ !(T \$ F)	true	true	Passed
22	!(T & F) \$ !(T   F)	true	true	Passed
23	!(T   F) @ (T & F)	true	true	Passed
24	(T & F)   ((T   F) & !(F & T))	true	true	Passed
25	!(T \$ F) @ !(T @ F)	true	true	Passed
26	(T & F)   ((T   F) & !(F & T))	true	true	Passed

27	!(T \$ F) @ !(T @ F)	true	true	Passed
28	(T & F)   ((T   F) & !(F & T))	true	true	Passed
29	!(T \$ F) @ !(T @ F)	true	true	Passed
30	(T & F)   ((T   F) & !(F & T))	true	true	Passed
31	!(T \$ F) @ !(T @ F)	true	true	Passed
32	(T & F)   ((T   F) & !(F & T))	true	true	Passed
33	!(T \$ F) @ !(T @ F)	true	true	Passed
34	(T & F)   ((T   F) & !(F & T))	true	true	Passed
35	!(T \$ F) @ !(T @ F)	true	true	Passed
36	(T & F)   ((T   F) & !(F & T))	true	true	Passed
37	!(T \$ F) @ !(T @ F)	true	true	Passed
38	(T & F)   ((T   F) & !(F & T))	true	true	Passed
39	!(T \$ F) @ !(T @ F)	true	true	Passed
40	(T & F)   ((T   F) & !(F & T))	true	true	Passed
41	!(T \$ F) @ !(T @ F)	true	true	Passed
42	(T & F)   ((T   F) & !(F & T))	true	true	Passed
43	!(T \$ F) @ !(T @ F)	true	true	Passed
44	(T & F)   ((T   F) & !(F & T))	true	true	Passed
45	!(T \$ F) @ !(T @ F)	true	true	Passed
46	(T & F)   ((T   F) & !(F & T))	true	true	Passed
47	!(T \$ F) @ !(T @ F)	true	true	Passed
48	!(T & F)	true	true	Passed
49	T   F	true	true	Passed
50	!(T   T)	false	false	Passed
51	F & T	false	false	Passed
52	T @ F	true	true	Passed
53	!(T \$ T)	true	true	Passed

54	T   (F & T)	true	true	Passed
55	(T @ F)   (T & F)	true	true	Passed
56	(F & T) \$ (T   F)	true	true	Passed
57	!(T \$ F)	false	false	Passed
58	(T   F) & (T & F)	false	false	Passed
59	!(F @ T)	false	false	Passed
60	T & (F   T)	true	true	Passed
61	!(T \$ T)	true	true	Passed
62	(F @ T)   (T \$ F)	true	true	Passed
63	!(T   F)	false	false	Passed
64	(T & F)   (F @ T)	true	true	Passed
65	!(T & T)	false	false	Passed
66	(T \$ F) & (F @ T)	true	true	Passed
67	!(F & T)	true	true	Passed

68 OUT OF 68 PASSED  
 enter to exit