ABEGE MSAANYOL

18/SCI01/002

CSC 202 ASSIGNMENT

PROVE THAT ;

A*(B+C) = (A*B)+(A*C)

A	B	C	(B+C)	(A*B)	(A*C)	A*(B+C)	(A*B)+(B*C)
0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0
0	1	0	1	0	0	0	0
0	1	1	1	0	0	0	0
1	0	0	0	0	0	0	0
1	0	1	1	0	1	1	1
1	1	0	1	1	0	1	1
1	1	1	1	1	1	1	1

SINCE THE 7TH AND 8TH COLUMN GIVE THE SAME RESULT, THERFORE

A*(B+C) = (A*B)+(A*C)