Equation = (A.S1'.S2')+(B.S1'.S2)+(C.S1.S2')+(D.S1.S2)
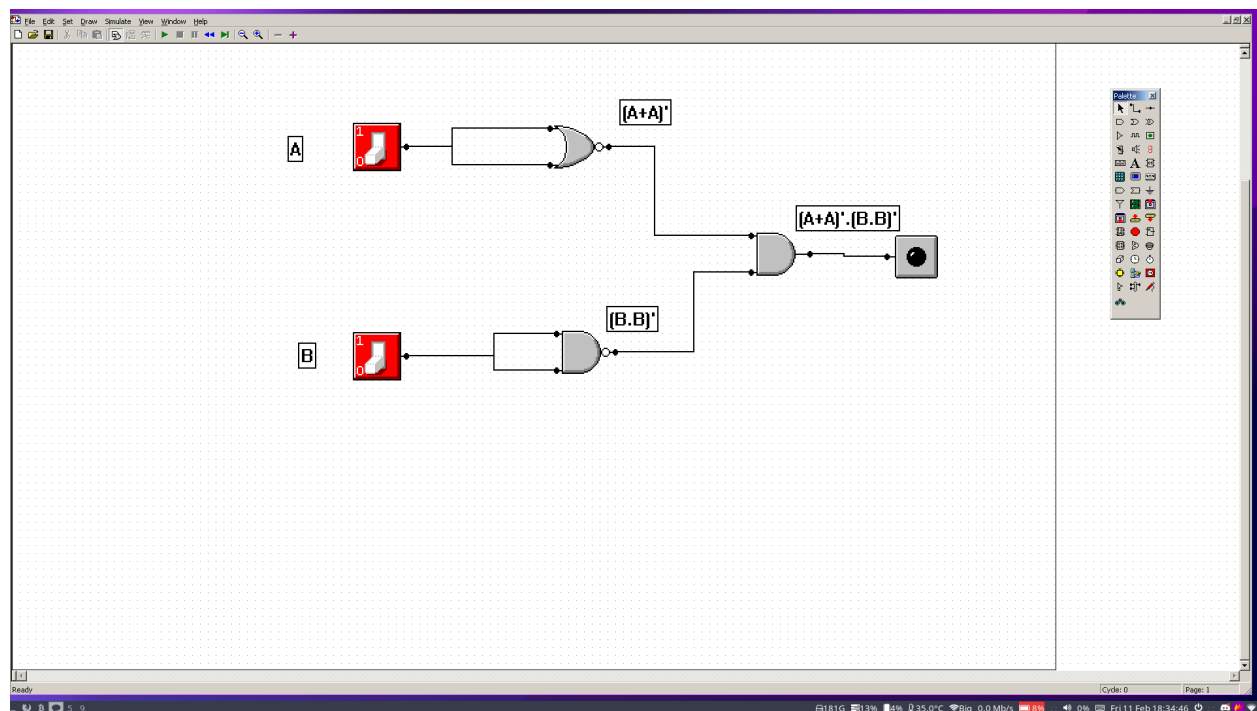
Equation = (A+A)'.(B.B)'

A	B	(A+A)'	(B.B)'	(A+A)'.(B.B)'
T	T	F	F	F
T	F	F	T	F
F	T	T	F	F
F	F	T	T	T
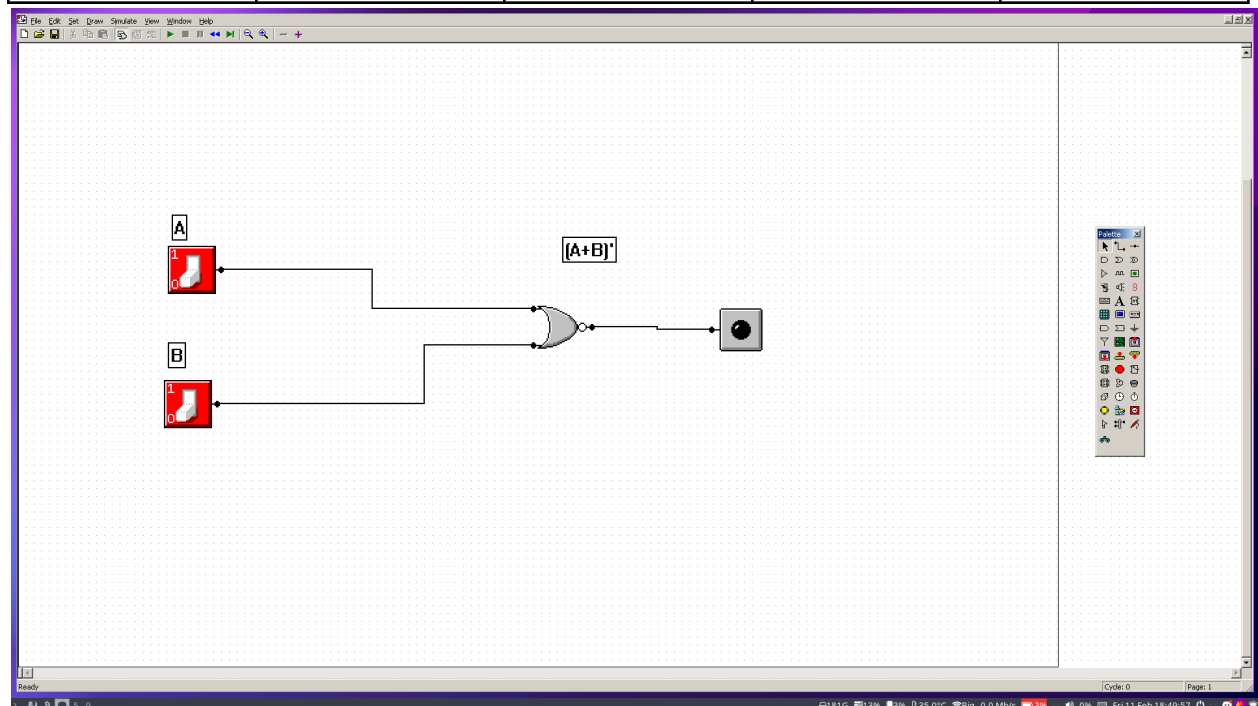
Can be replaced by single NOR gate