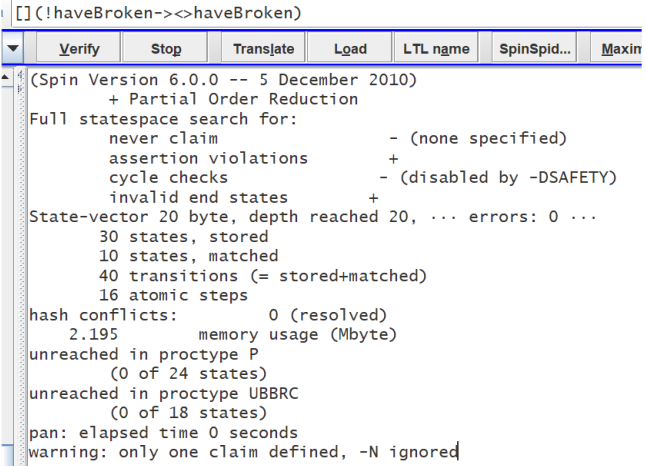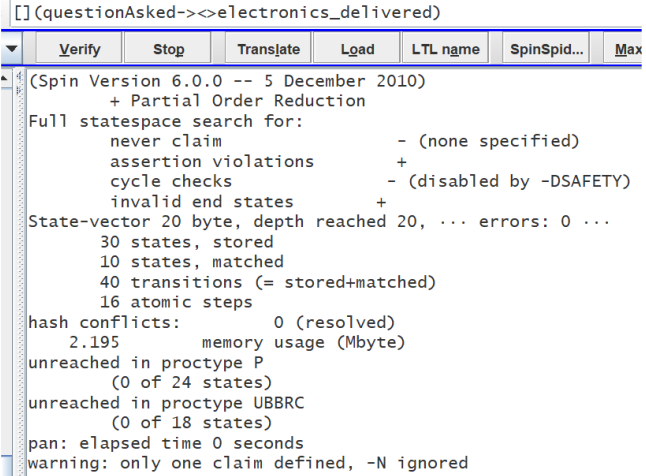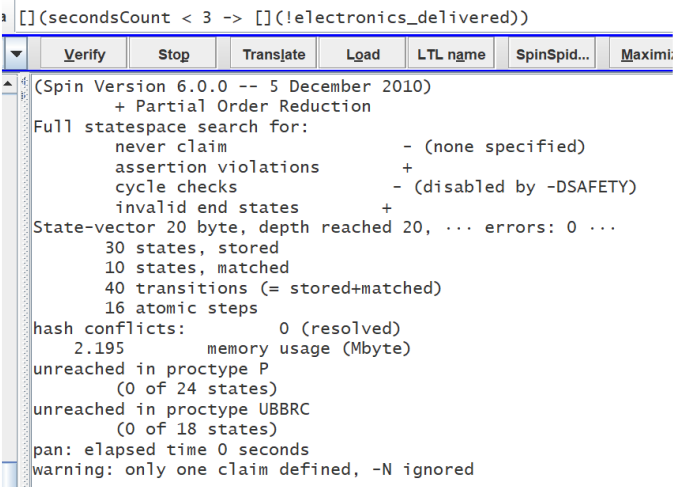| Formula	Output

[](!haveBroken-><>haveBroken)
 	
/*- always, if there are no broken electronics, eventually there will be */
	[](!haveBroken-><>haveBroken)
	
	Verify | Stop | Translate | Load | LTL name | SpinSpid... | Maxim
	
	(Spin Version 6.0.0 -- 5 December 2010)
	       + Partial Order Reduction
	Full statespace search for:
	      never claim - (none specified)
	      assertion violations +
	      cycle checks - (disabled by -DSAFETY)
	      invalid end states +
	State-vector 20 byte, depth reached 20, ··· errors: 0 ···
	      30 states, stored
	      10 states, matched
	      40 transitions (= stored+matched)
	      16 atomic steps
	hash conflicts: 0 (resolved)
	   2.195 memory usage (Mbyte)
	unreached in proctype P
	      (0 of 24 states)
	unreached in proctype UBBRC
	      (0 of 18 states)
	pan: elapsed time 0 seconds
	warning: only one claim defined, -N ignored

[](questionAsked-><>electronics_delivered)
 	
/*- always, when the question is asked, the electronics will be delivered */
	[](questionAsked-><>electronics_delivered)
	
	Verify | Stop | Translate | Load | LTL name | SpinSpid... | Max
	
	(Spin Version 6.0.0 -- 5 December 2010)
	       + Partial Order Reduction
	Full statespace search for:
	      never claim - (none specified)
	      assertion violations +
	      cycle checks - (disabled by -DSAFETY)
	      invalid end states +
	State-vector 20 byte, depth reached 20, ··· errors: 0 ···
	      30 states, stored
	      10 states, matched
	      40 transitions (= stored+matched)
	      16 atomic steps
	hash conflicts: 0 (resolved)
	   2.195 memory usage (Mbyte)
	unreached in proctype P
	      (0 of 24 states)
	unreached in proctype UBBRC
	      (0 of 18 states)
	pan: elapsed time 0 seconds
	warning: only one claim defined, -N ignored

[](secondsCount < 3 -> [](!electronics_delivered))
 	
/*- always, the electronics will be delivered only after minimum 3 seconds have passed */
	[](secondsCount < 3 -> [](!electronics_delivered))
	
	Verify | Stop | Translate | Load | LTL name | SpinSpid... | Maxim
	
	(Spin Version 6.0.0 -- 5 December 2010)
	       + Partial Order Reduction
	Full statespace search for:
	      never claim - (none specified)
	      assertion violations +
	      cycle checks - (disabled by -DSAFETY)
	      invalid end states +
	State-vector 20 byte, depth reached 20, ··· errors: 0 ···
	      30 states, stored
	      10 states, matched
	      40 transitions (= stored+matched)
	      16 atomic steps
	hash conflicts: 0 (resolved)
	   2.195 memory usage (Mbyte)
	unreached in proctype P
	      (0 of 24 states)
	unreached in proctype UBBRC
	      (0 of 18 states)
	pan: elapsed time 0 seconds
	warning: only one claim defined, -N ignored

Check: bin\spin.exe -a tema1a_new.pml … **done!**

Random:

0:      proc - (:root:) creates proc 0 (P)
  0:      proc - (:root:) creates proc 1 (UBBRC)
Do you have broken electronics?
1 UBBRC 58 printf('Do you
1 UBBRC 60 signal!doYouHa
0 P   25 signal?doYouHa
1 UBBRC 60 values: 1!doYo
0 P   25 values: 1?doYo
P got the question
0 P   26 printf('P got
0 P   27 secondsCount =
0 P   33 secondsCount<3
0 P   35 secondsCount =
Process Statement   secondsCou
0 P   33 secondsCount<3 1
0 P   35 secondsCount = 1
0 P   33 secondsCount<3 2
0 P   35 secondsCount = 2
1 UBBRC 62 questionAsked 3
Process Statement   questionAs secondsCou
0 P   33 secondsCount== 1   3
0 P   41 signal!haveBro 1   3
1 UBBRC 68 signal?haveBro 1   3
0 P   41 values: 1!have 1   3
1 UBBRC 68 values: 1?have 1   3
Received broken electronics
1 UBBRC 69 printf('Receiv 1   3
0 P   54 electronics_de 1   3
Process Statement   electronic questionAs secondsCou
1 UBBRC 79 electronics_de 1   1   3
 16:    proc 1 (UBBRC) terminates
 16:    proc 0 (P) terminates
2 processes created