

category12_vulnerable_conditional.imi

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Clocks	Parameters	Discrete	Initial
c_l_1 abs_clock	epsilon abs_ptime xnonletters_1 userInput_length_1 first_mismatch_1	flag_1	1 >= epsilon & epsilon >= 0 & 10 >= first_mismatch_1 & userInput_length_1 >= 0 & abs_ptime >= 0 & abs_clock = 0 & c_l_1 = 0

pta_1

11 epsilon >= c_l_1

epsilon >= c_l_1
 setupserver_1
 cl_1:=0

12 epsilon >= c_l_1

epsilon >= c_l_1
 readx_1
 cl_1:=0

13 epsilon >= c_l_1

epsilon >= c_l_1
 & userInput_length_1 > 10
 cl_1:=0

epsilon >= c_l_1
 & xnonletters_1 > 0
 cl_1:=0

epsilon >= c_l_1
 & 10 >= userInput_length_1
 & xnonletters_1 = 0
 cl_1:=0

final1 True

14 epsilon >= c_l_1

epsilon >= c_l_1
 verifycredentials_1
 cl_1:=0

15 epsilon >= c_l_1

epsilon >= c_l_1
 & first_mismatch_1 = 0
 cl_1:=0

epsilon >= c_l_1
 & first_mismatch_1 = 1
 cl_1:=0

epsilon >= c_l_1
 & first_mismatch_1 = 2
 cl_1:=0

epsilon >= c_l_1
 & first_mismatch_1 = 3
 cl_1:=0

epsilon >= c_l_1
 & first_mismatch_1 = 4
 cl_1:=0

epsilon >= c_l_1
 & first_mismatch_1 = 5
 cl_1:=0

epsilon >= c_l_1
 & first_mismatch_1 = 6
 cl_1:=0

epsilon >= c_l_1
 & first_mismatch_1 = 7
 cl_1:=0

epsilon >= c_l_1
 & first_mismatch_1 = 8
 cl_1:=0

epsilon >= c_l_1
 & first_mismatch_1 = 9
 cl_1:=0

epsilon >= c_l_1
 & first_mismatch_1 = 10
 cl_1:=0

flag_1 = 0
 & epsilon >= c_l_1
 & first_mismatch_1 = 10
 cl_1:=0
 flag_1:=1

16 5000000*first_mismatch_1 >= c_l_1

5000000*first_mismatch_1 = c_l_1
 cl_1:=0

17 epsilon + 5000000 >= c_l_1

epsilon + c_l_1 >= 5000000
 & epsilon + 5000000 >= c_l_1
 cl_1:=0

18 epsilon >= c_l_1

epsilon = c_l_1
 & abs_ptime = abs_clock
 cl_1:=0

final2 True