declarations

" Input pins
a, b, c, d pin;

" Output pins
f1, f2, f3 pin istype 'com';

equations

" Quiz 2, Problem 1
f1 = !( !(c # a & !b & !c) # a) ;

" Problem 2.6a
f2 = !b & (b # c) # !a # a & c;

" Problem 2.7b
f3 = !a&!b&!c&!d # !a&!b&c&!d # !a&b&!c&!d # !a&b&!c&d # a&!b&!c&!d # a&!b&c&!d # a&b&c&d;

END