class transaction;

rand bit [3:0] coin;

rand bit sel;

bit item;

bit [3:0] change;

constraint c1{coin inside {10,0,5};};

constraint c2{sel inside {1'b1};};

constraint c3{sel inside {1'b0};};

function void display(string name);

$display("display from %s",name);

$display("sel=%b,coin=%b,item=%b,change=%b",sel,coin,item,change);

endfunction

endclass