class driver;

mailbox gen2drv;

transaction trans;

virtual intf vif;

function new(mailbox gen2drv, virtual intf vif);

this.gen2drv=gen2drv;

this.vif=vif;

endfunction

task get\_msg();

forever begin

@(vif.drv\_cb);

gen2drv.get(trans);

vif.sel=trans.sel;

vif.coin=trans.coin;

trans.display("driver");

@(vif.drv\_cb);

end

endtask

endclass