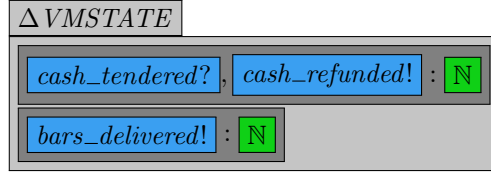




VMSTATE



VM_operation



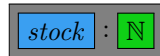
exact_cash

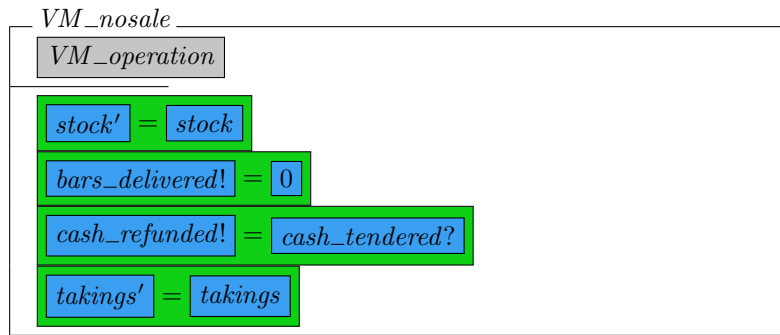
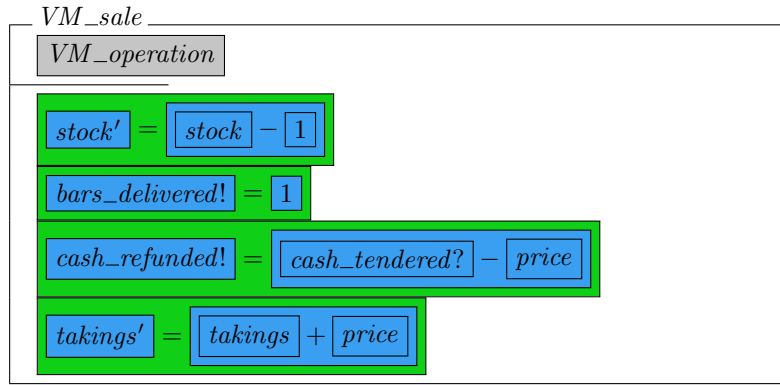


insufficient_cash



some_stock





$$VM1 \triangleq \boxed{\boxed{exact_cash \wedge some_stock} \wedge VM_sale}$$

$$VM2 \triangleq \boxed{\boxed{insufficient_cash} \wedge VM_nosale}$$

$$VM3 \triangleq \boxed{VM1 \vee VM2}$$