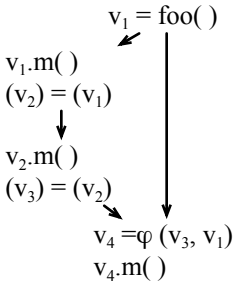
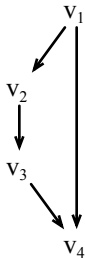


(a)



(b)



(c)

$I(v_1) = \{T\}$   
 $I(v_2) = \{F\}$   
 $I(v_3) = \{F\}$   
 $I(v_4) = I(v_3) \mid I(v_1)$

(c)