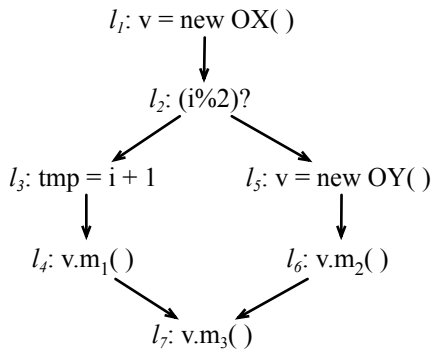


```

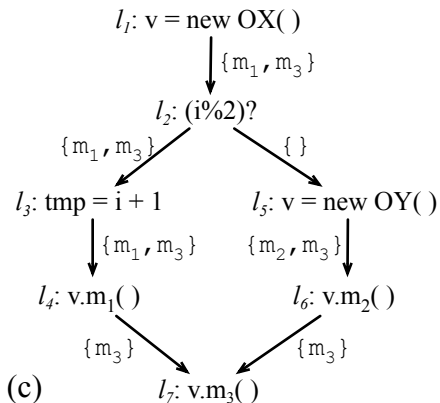
def test(i):
    v = OX()
    if i % 2:
        tmp = i + 1
        v.m1(tmp)
    else:
        v = OY()
        v.m2()
    print v.m3()

```

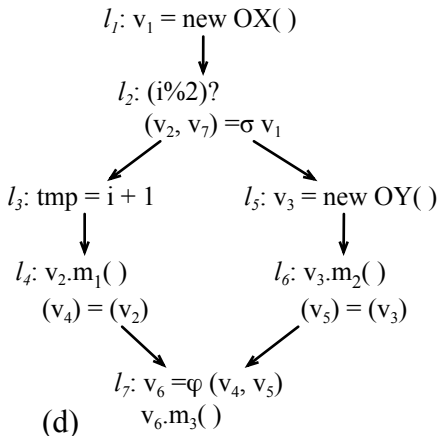
(a)



(b)



(c)



(d)

$$I(v_6) = \{m_3\}$$

$$I(v_5) = I(v_6)$$

$$I(v_4) = I(v_6)$$

$$I(v_2) = \{m_1\} \cup I(v_4)$$

$$I(v_3) = \{m_2\} \cup I(v_5)$$

$$I(v_7) = \{\}$$

$$I(v_1) = I(v_2) \cup I(v_7)$$

(e)