```
def test(i):
                                                             l_i: v = new OX()
                                                                                                                            l_i: v = new OX()
    v = OX()
                                                                                                                                         \{m_1, m_3\}
    if i % 2:
                                                                  l<sub>2</sub>: (i%2)?
                                                                                                                                l<sub>2</sub>: (i%2)?
        tmp = i + 1
                                                                                                                    \{m_1, m_3\}
        v.m1(tmp)
                                               l_3: tmp = i + 1
                                                                                l_5: v = new OY()
    else:
                                                                                                               l_3: tmp = i + 1
                                                                                                                                            l_5: v = new OY()
        v = OY()
                                                                                                                         \{m_1, m_3\}
                                                                                                                                            \{m_2, m_3\}
                                                  l_4: v.m<sub>1</sub>()
                                                                                     l_6: v.m<sub>2</sub>()
        v.m2()
                                                                                                                  l_4: v.m<sub>1</sub>()
                                                                                                                                                  l_6: v.m<sub>2</sub>()
    print v.m3()
                                                                   l_7: v.m<sub>3</sub>()
                                                                                                                       \{m_3\}
                                                                                                                                                   \{m_3\}
(a)
                                                   (b)
                                                                                                              (c)
                                                                                                                                 l_7: v.m<sub>3</sub>()
                              l_1: v_1 = \text{new OX}()
                                                                                                       []v_6 = \{m_3\}
                                                                                                       [\mathbf{v}_5] = [\mathbf{v}_6]
                                l_2: (i%2)?
                                    (\mathbf{v}_2, \mathbf{v}_7) = \sigma \mathbf{v}_1
                                                                                                       [\mathbf{v}_A] = [\mathbf{v}_6]
                                                     l_5: v_3 = \text{new OY}()
              l_3: tmp = i + 1
                                                                                                       [v_2] = \{m_1\} \cup [v_4]
                                                                                                       [v_3] = \{m_2\} \cup [v_5]
        l_4: v_2.m_1()||(v_4) = (v_2)
                                                   l_6: v_3.m_2()||(v_5) = (v_3)
                                                                                                       [\mathbf{v}_7] = \{\}
                                                                                                       [\mathbf{v}_1] = [\mathbf{v}_2] \land [\mathbf{v}_7]
                                l_7: v_6 = \varphi(v_4, v_5)
                                   v_6.m_3()
                       (d)
                                                                                              (e)
```