

P1() {

    y = 1;                   ①

    y = y + 3;              ②

    V(S1);

    z = y + 1;             ③

    P(S2);

    y = z + y;             ④

}

P2() {

    x = 1;                   ⑤

    x = x + 5;              ⑥

    P(S1);

    x = x + y;             ⑦

    V(S2);

    z = z + x;             ⑧

}