1. H1 = rl1(x); r1(x);wl1(x);w1(x); rl2(y); r2(y); ru2(y);wl1(y); c2;w1(y);wu1(x);wu1(y); c1

r2(y)🡪w1(y)

a) SG:   
It is serializable.

Equivalent history (omitting locks for convenient) = r2(y);r1(x);w1(x);w1(y)

b) The history follows 2PL

2. H2 = wl1(x);w1(x);wu1(x); rl3(y); r3(y);wl2(x);w2(x);wu2(x); c2; c1; ru3(y); c3

w1(x)🡪w2(x)

a) SG:   
 It is serializable

Equivalent history (omitting locks for convenient) = w1(x);w2(x);r3(y)

b) history follows 2PL