```
1
-
-
1
0
            Hemin Patel - HW 7: Transactions
-8
            State if conflict-serializable: yes, serial schedules. No, why not
-
            a) (1(x), (3(5), (2(5), (3(x), (3(x), (2(2), w)(x), w2(2), (7(2), w)(2)
9
-
                              yes, it is confict - Senalizable.
-
                                12 -D TI
-
                               T2-013
                               T3-PT1
4
4
            b) ri(x), 12(y), 13(y), 13(y), 12(z), 11(x), 13(x), 11(z), 12(z), 11(z)
4
                           No not confict-serializable because
1
                           Graph is Cyclic.
4
4
           () (1(x), w1(x), 13(y), (1(2), w3(y), (2(y), (2(2), (3(x), w1(2), w2(2)
-
-
                      No not conflict - Serializable because conflict
                    DTI Graph is eyell TI-D T3-D T2 PTI
0
0
                                            T3-D T2-D T1-D T3
4
        (2) Let TI, TZ, T3 be T1: (1(D), w1(B), w1(D) TZ: (Z(C), wZ(B)
0
           TS: T3(D), W3(D), W3(B)
           a) [1(0), (2(1), WZ (B), W1(B), (3(D), W3(D), W1(D), W3(B)
0
No, not under ZPL potocol, NOT Serializable w1(0)
            W(70) after (50) (13-071)
=
           b) r2 ((), r1(D), w2(B) (3(D), w3(D) v3(B), w2(B) w1(D)
8
           NO, not under 2PL protocol. NOT Serializable.
8
             works after (3(D) (T3-PTZ)
8
() Example: (1(D), (2(C), WZ(B), WI(B), (3(D), W3(D), W1(D)
                       Not Serializable, w7(D) with after (3(D)
```

HW7: Transactions Cont. what petrins will each bor have after execution? -· NEW Tavern - 6 &D -· Old Tavon - B · Cabana - Empty · Not serializable because old Taven has remote -Patrons left