











































```
P. L. Assume P3 requests resources A=1, BIE, CIS.
     Check what deadlock state of the system will be if the
      resource allocating sequence is < 90, Pz, P3, P1, P47.
      System; = (7, 2,6). Check if this is a finish sequence.
Sola.
        Request, : (1, 2, 31).
                         Stepe: Check
                                               Step 3: Update
                                             Available; + Allecation;
                         (Need;)
          Allocation ;
                        Request; PO PE P3
           ABC
                         A B C 0 0 0
                                                                        Step A: Canclude
                                              (0,0,0) + (0,1,0) () 80
   Po
          (0,1,0)
                        (0,0,0)
                                            (0,1,0) + (3,0,1) () 12
                                                                        " 489, P1, P1, P1, P47
          (2,0,0)
                        (2,0,1)
                                                                        is not a "finish requence".
                                               (3,1,3) Not enough B for PS.)
         (3,0,3)
                         (0,0,0)
                                                                        .. The system has deadlock
          (2,1,1)
                         (1,2,5)
                                                                           Where Pl, P3, P4 are in
                                                                          the deadlock. Ana
    14
          (0,0,2)
                         (0,0,2)
                          [Checking ]
           (7, 2, 6)
                                  IF (Request; & Available;) THEN
                                       Available . Available + Allocation,
      Steps: Compute initial Available;
                                          V Add Pi to the finish sequence.
        Available = System - 5 (Allocation)
                  » (4,2,6) - (4,2,6)
                   a (0,0,0).
```





