```
Lab program -10
              eiter process communication
2) Dimonstrate
- class A
          synchronized world 100 (Bb)
             String name - Thread current Thread (1. git Nomel);
              Sop(name + " entered A fee ")
             try {
                  Thread Sleep (1000)
              Catch (Exception 5)
                   SOP(" A interrupted );
              SOF ( name + " taying to call B. last (1")
                 b. last();
             void last ()
                  SOP ( "Inside A . last");
         class B
               synchronized void bor (A a)
                  Storing name: Thread, current Thread (), getrame ()
                  SOP (name + " entered 5. bar ");
                   tony
                      Thread - Sley (1000).
                    catch ( Exception e)
                       SOP( " B interrupted "):
                sop ( name + " touging to call A. last 1)
                  a. last()
           void last()
                SOP ( Inside E. last );
```

```
class peablock implements Runnable
        A a = new A();
         B 6 - new B(1):
       Peadlock ()
          Thread. current Thread (). set Name ( "Main thread ");
           Thread to new Throad ( This, " Racing thread ).
            t. Start().
            a. 600(6);
          SOP ("Back in main thread");
        public word hunt)
           b. beur (a);
           SOP ( "Back in other Horead");
         public state used main (string args ( ))
           SOP ( "Name: AKBhay S , USN: 1 BM 73C 5002");
              new Deadlock (1);
         3
output:
 Name: Akshay S , USN: 18M23 CS022
  Main thread entired A foo
  Racing thread Entered B. bar
   Mainthread trying to call B. Sast ()
   Forside B. last
   Back in main thread
   Racing Thread trying to call A . Last ()
    Inside A-last
    back in other thread
```