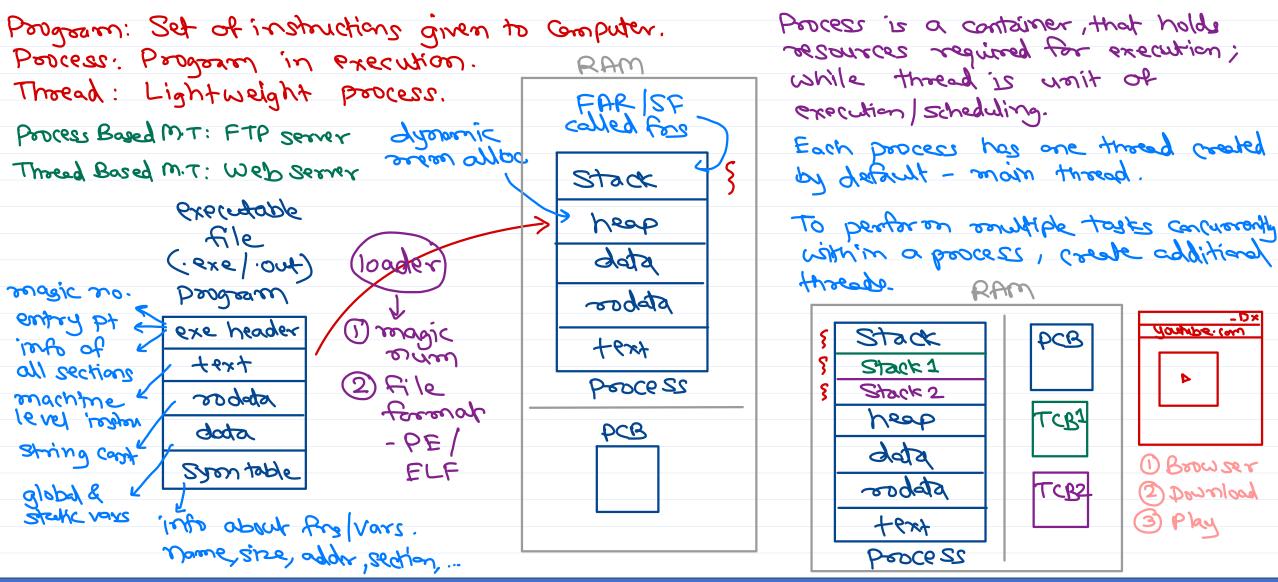


Core Java

Trainer: Nilesh Ghule



Process and Thread





Thread creation

implements Russable extends Thread class By Thread extends Thread ? @Overide @ override 3 () run biox 11code 3 () non bias 1/code in repoin () in main(), My Thread H= new My Thread ();

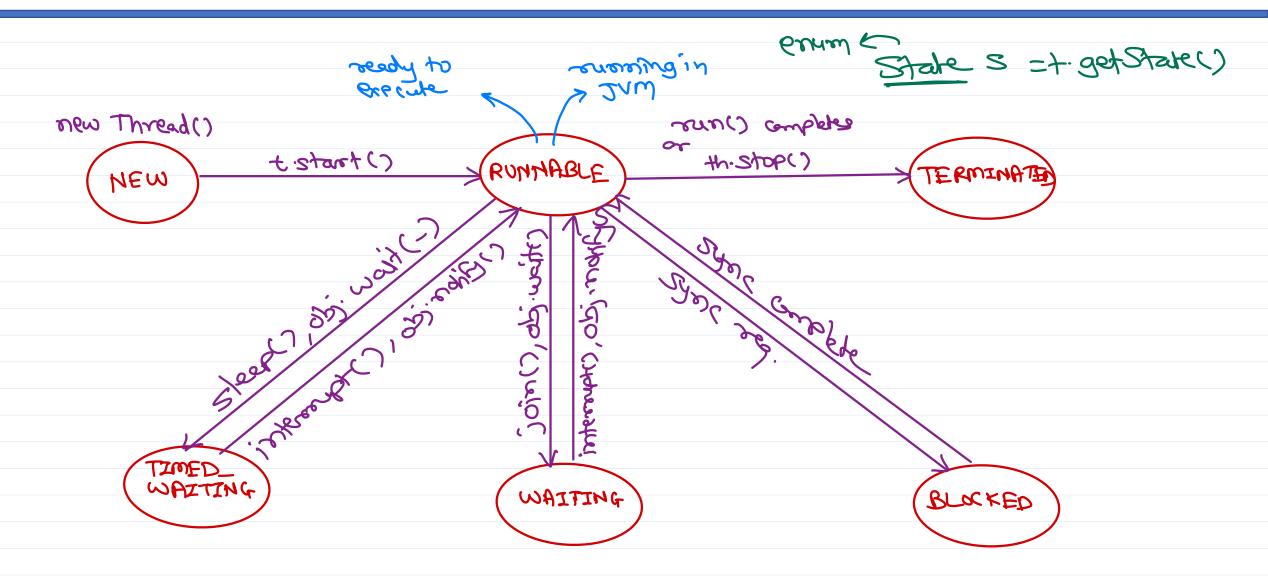
H. Start (); 12. Start(); If a jova class is already inherited from a class, it cannot be inherited from Thread class (muliple class inherit not allowed)

Class My Russable implements Rusmable & Whereof to = new thereof (mis);

Even if class is inherited from other class, implementing Runnable is possible. Since Rymable 15 Functional interface, we can use lambda expression,

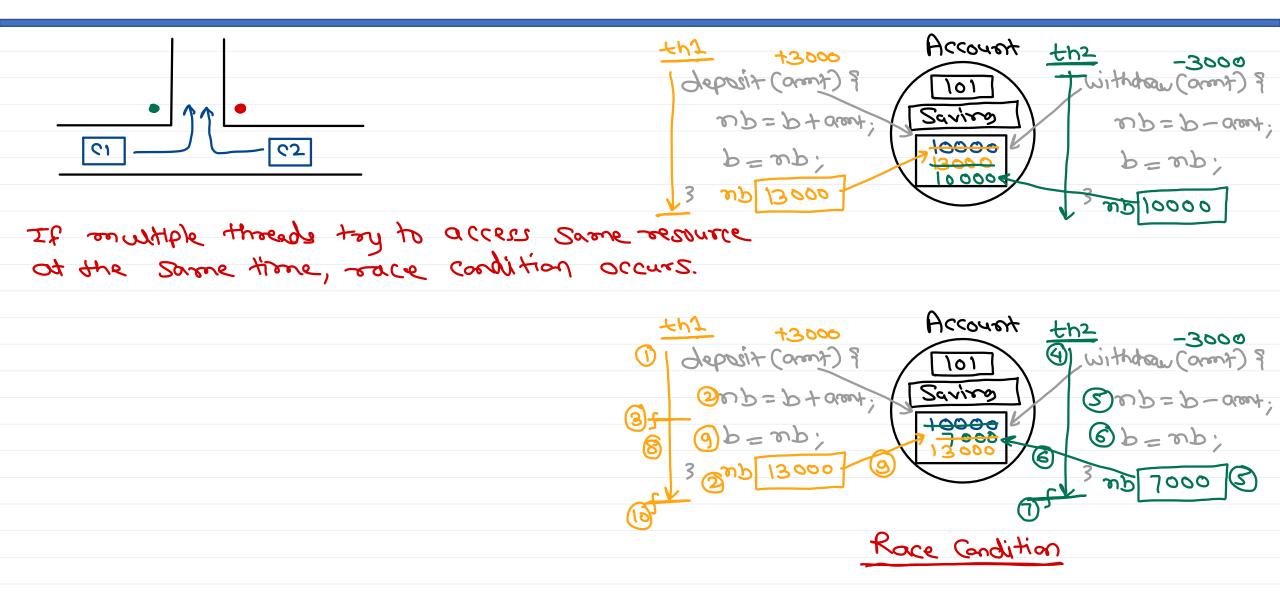


Thread life cycle



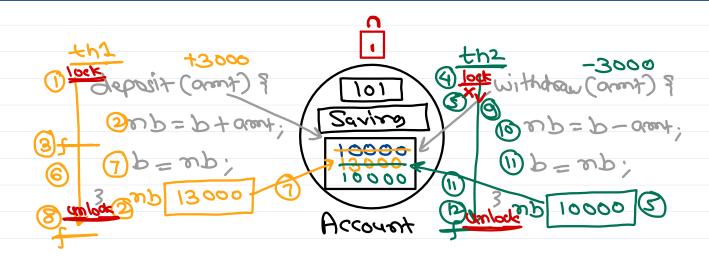


Race condition





Synchronisation

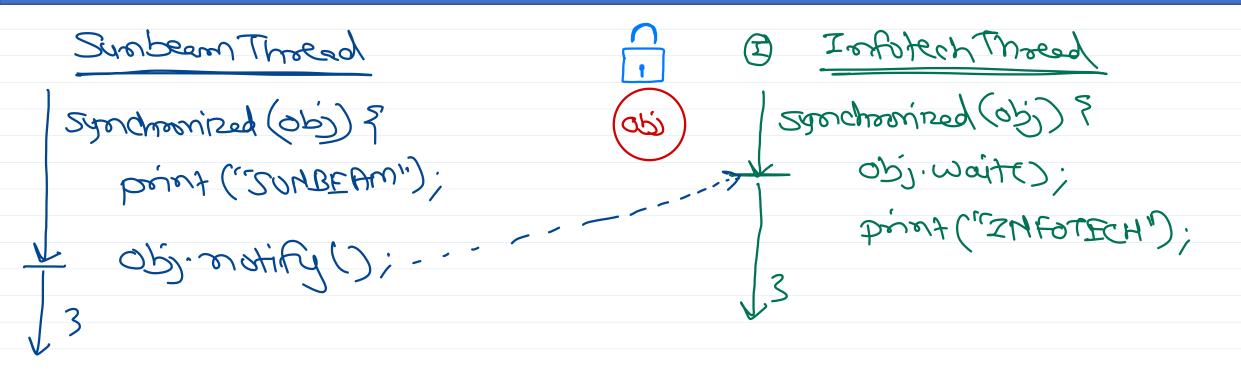


Blocking one/more through so that only one through can access the resource at a time, is called as "synchronization".

Synchronized > Synchronized block key word > Synchronized onethod



Inter- thread communication





Member classes

```
class Mylist ?
      Static class Node &
           int data;
Mode nent;
      Mode head;
      vold display () }
        class My Ite {
Node cur;
              - hes Heate);
```





Thank you!

Nilesh Ghule <nilesh@sunbeaminfo.com>

