

Singleton Design Pattern

1) only allows to create a single object
of the class
2) delivering the single instance whenever
required.

elasses which

uses shared resources.

I do connection

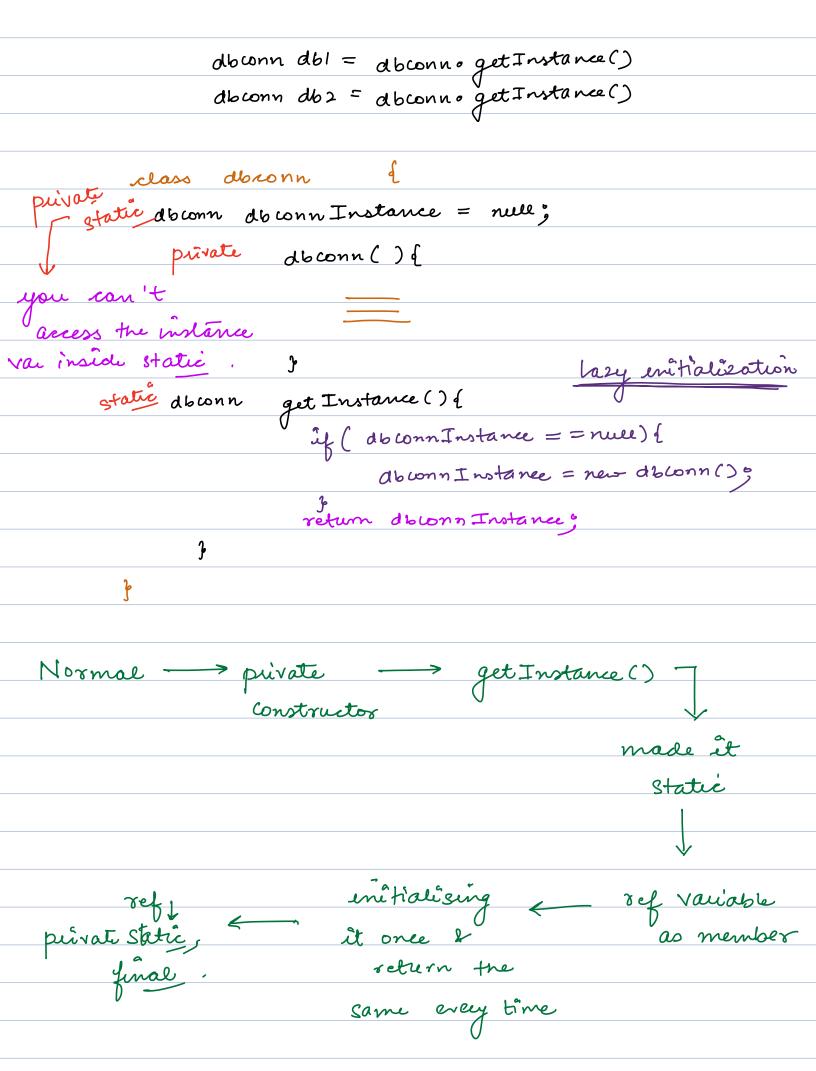
dogger.

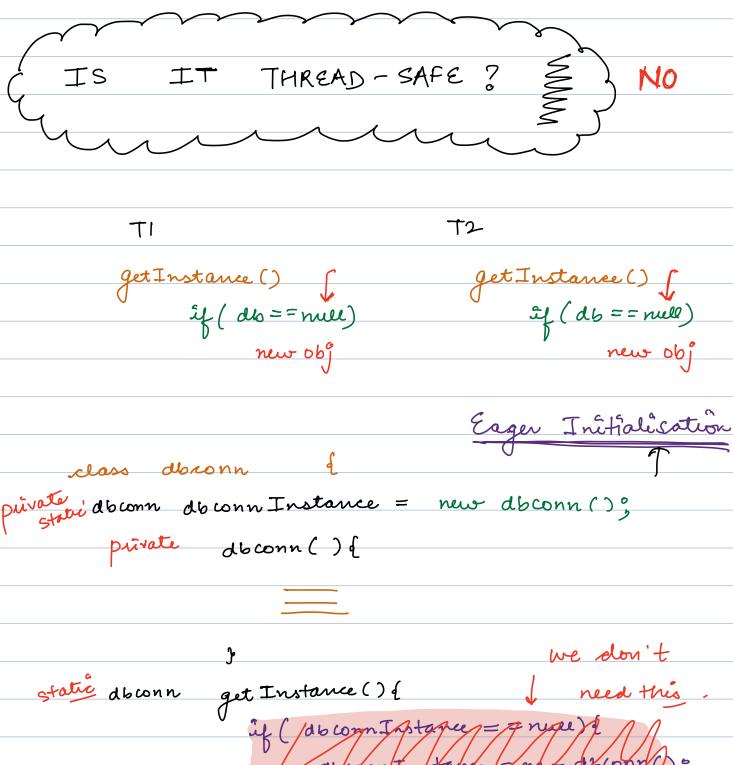
Thread Pool.

-> Configuration manager

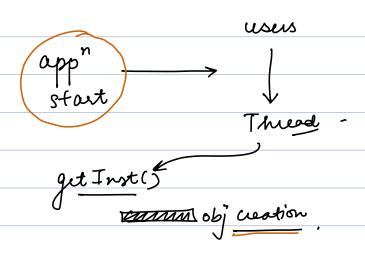
```
class ablonnection (
              url
     ን
  db connection db = new db connection ();
   db connection db2 = new db connection ();
                    private?
                   we will not be able to access
                  the constructor outside the
                    classo.
   class dbronn
private dbconn() {
statie doconn get Instance () {

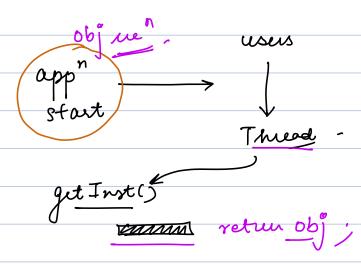
return new doconn();
          z
```





j





- 1) App" start time 1
- 2 we may not use it i wastage.
- 3) con't give vauable config at loading

```
statie d'onn de conn Instance = null;
          private dbconn () (
    statie doonn get Instance () {
                     if ( ab connInstance = = null) {
                          abconn Instance = new abconn ();
                    return d'oconn Instance
            j
                       puformance: slow
                               get I () {
getI(){
                                     lock ();
   if (dbconn = = null)
                                 if (dbconn = = null)
       db = new db conn();
                                         db = new db conn();
   return db;
```

get I () { if (dbconn = = null)

lock(); double-check if (dbwnn = = null) db = new abconn(); unlock () return db; Single Threadad 1): Multi + Eager (V3): Multi + Synchronized (V3): Multi + double-cheek 3 ques" desertiazation Secialization you will be a to creation a new Instance of that > read Resolve () d retren db;

Is it any way

Reflections: you can manipulate objects at vuntime. Enums: singleton public enum doonn {

INSTANCE; void dosometning () { dbconn. INSTANCE. do Something ()