What is synchronization ?

Synchronization in Java is the capability to control the access of multiple threads to any shared resource.

Java Synchronization is better option where we want to allow only one thread to access the shared resource.

What is java synchronized method?

If you declare any method as synchronized, it is known as synchronized method.

Which lock used to Synchronized method?

Synchronized method is used to lock an object for any shared resource.

What is Synchronized block?

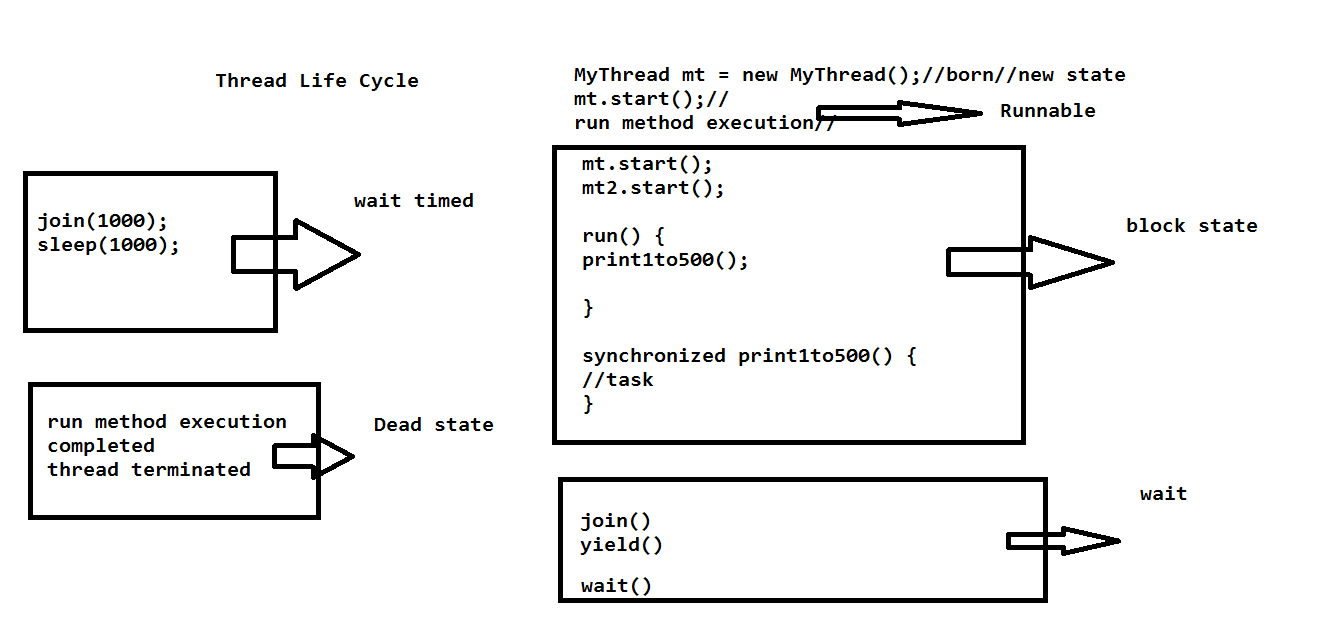
Synchronized block can be used to perform synchronization on any specific resource of the method.

Which lock used to Synchronized block?

Synchronized block is used to lock an object for any shared resource.

What is class lock?

If you make any static method as synchronized, the lock will be on the class.it known as class lock.



What is StringBuffer ?

Java StringBuffer class is used to create mutable (modifiable) String objects. The StringBuffer class in Java is the same as String class except it is mutable i.e. it can be changed.

What is StringBuilder?

Java StringBuilder class is used to create mutable (modifiable) String. The Java StringBuilder class is same as StringBuffer class except that it is non-synchronized.

What is difference bet ween StringBuffer nd StringBuilder?

StringBuffer :

1. StringBuffer is synchronized i.e. thread safe. It means two threads can't call the methods of StringBuffer simultaneously
2. StringBuffer is less efficient than StringBuilder.
3. StringBuffer was introduced in Java 1.0

StringBuilder :

1. StringBuilder is non-synchronized i.e. not thread safe. It means two threads can call the methods of StringBuilder simultaneously.
2. StringBuilder is more efficient than StringBuffer.
3. StringBuilder was introduced in Java 1.5