**Day 5:**

**wait(), notify() and notifyAll()**

using these methods we can make inner thread communication concept.

wait(): this method is use to make the thread to wait or suspend with condition

notify(): this method is use to resume waited thread. this resume only one thread

notifyAll() : resume all waited thread.

1. All thread must be part of same memory.
2. These all method work in synchronized block or method.
3. All 3 methods parts of object class. we can call directly.

Passenger : pay and get the ticket

Clerk : issue the ticket

TicketWindow class : Task class

Main class

java lang package

by default every java program imported lang package.

String class

StringBuffer

StringBuilder

Object

Cloneable interface

String is a pre defined class part of language package.

Syntax

String str1 = “Welcome to Java”;

String str2 = new String(“Welcome to Java”);

String is immutable class(can’t change).

StringBuffer and StringBuilder are mutable string classes.

StringBuffer by default methods are synchronized. It is thread safe but slow in multi threading environment.

StringBuilder by default methods are not synchronized not thread safe.