**Tutorial\_9**

**Part I**

1. **Demonstrate the concept of Threads to achieve multitasking program using Thread class and Runnable Interface (separately) for the below scenario:**

**Create an Array of 9 numbers. And create three Threads to split the task evenly among the three threads. And each thread has to add up and report the answer to the main thread where the main thread waits for the 3 threads and computes the summation of all the three threads. Note: Assign names to the threads as well.**

1. **Write a program to demonstrate synchronization for the below scenario:**

**There are 2 Telephone booths which has one telephone for service and there is queue of 5 people who can be guided to either of the booths but the condition to be followed is “ A ongoing call conversation of a person should not be stopped in between.**