

Academy of Technology
Department of Computer Science & Engineering, Semester: 5TH
Paper Name: Object Oriented Programming Lab
Paper Code: PCC-CS593

Laboratory Assignment: 12

12.1 Write a java program to create a multithreaded program by creating a subclass of Thread and then create, initialize, and start two Thread objects from your class. The threads will execute concurrently and display Java is Hot, Java is Simple, and Java is Multithreaded to the console window.

12.2 Write a complex program to illustrate how the thread priorities? Imagine that the first thread has just begun to run, even before it has a chance to do anything. Now comes the higher priority thread that wants to run as well. Now the higher priority thread has to do its work before the first thread starts.

12.3 Write a program for inventory problem in this to illustrates the usage of synchronized keyword.

12.4 Write a program to illustrate interthread communication process by implementing Producer and Consumer problem using wait() and notify() methods.