

Practical 8

Multithreading

EXERCISE

1. Write a Java program to do the following using threads created by extending Thread class,
 - Create 3 threads and display their properties as [thread-name, priority, group-name] – also display similar properties for main thread.
 - Override run() methods in the threads to display numbers from 1 to 5, 1 to 6 and 1 to 7 respectively.
 - Use following methods in the program as explained,
 - isAlive() – show whether the three threads are alive before and after using the start() method
 - sleep() – Use 1000, 2000 and 3000 milliseconds as the argument for the three threads respectively
 - Display messages to indicate start and end of the 3 threads as well as the main thread.
2. Write a Java Program for TrafficLight using Applet and Multithreading. Create three circle to display Red, Green and Yellow light which should simulate traffic light. The switching between Red, Green and Yellow should take place after every 10 seconds