```
package com.mycompany.trafficlight;
import java.util.concurrent.TimeUnit;
public class RedLightThread extends Thread
  @Override
  public void run()
    while(true)
    {
     try
       System.out.println("Red Light");
        Thread.sleep(5000);
     catch(InterruptedException e)
       e.printStackTrace();
  }
package com.mycompany.trafficlight;
import java.util.concurrent.TimeUnit;
public class GreenLightThread extends Thread
{
 @Override
  public void run()
    while(true)
     try
       System.out.println("Green Light");
       Thread.sleep(10000);
     catch(InterruptedException e)
       e.printStackTrace();
  }
```

```
package com.mycompany.trafficlight;
import java.util.concurrent.TimeUnit;
public class YellowLightThread extends Thread
  @Override
  public void run()
    while(true)
    {
     try
       System.out.println("Yellow Light");
       Thread.sleep(2000);
     catch(InterruptedException e{
       e.printStackTrace();
     }
    }
}
Main class
package com.mycompany.trafficlight;
public class TrafficLight
  public static void main(String[] args)
  {
   try
      RedLightThread redThread = new RedLightThread();
      GreenLightThread greenThread = new GreenLightThread();
      YellowLightThread yellowThread = new YellowLightThread();
      redThread.start();
      greenThread.start();
      yellowThread.start();
      while(true)
       //keep the thread running indefinitely
      }
    catch(Exception e)
          e.printStackTrace();
  }
```