

```
package com.mycompany.multithreading;
```

```
public class GreenLightThread extends Thread
```

```
{  
    public void run()  
    {  
        try  
        {  
            while (true)  
            {  
                System.out.println("Green Light");  
                Thread.sleep(10000);  
            }  
        } catch (InterruptedException e)  
        {  
            e.printStackTrace();  
        }  
    }  
}
```

```
public class RedLightThread extends Thread {
```

```
    public void run()  
    {  
        try  
        {  
            while (true)  
            {  
                System.out.println("Red Light");  
                Thread.sleep(5000);  
            }  
        }  
    }  
}
```

```
    }  
}  
catch (InterruptedException e)  
{  
    e.printStackTrace();  
}  
}  
}
```

```
public class YellowLightThread extends Thread {  
    public void run()  
    {  
        try  
        {  
            while (true)  
            {  
                System.out.println("Yellow Light");  
                Thread.sleep(2000);  
            }  
        }  
        catch (InterruptedException e)  
        {  
            e.printStackTrace();  
        }  
    }  
}
```

```
public class Multithreading  
{
```

```
public static void main(String[] args)
{

    RedLightThread RedLightThread=new RedLightThread();
    GreenLightThread GreenLightThread=new GreenLightThread();
    YellowLightThread yellowLightThread = new YellowLightThread();

    RedLightThread.start();
    yellowLightThread.start();
    GreenLightThread.start();

}
}
```