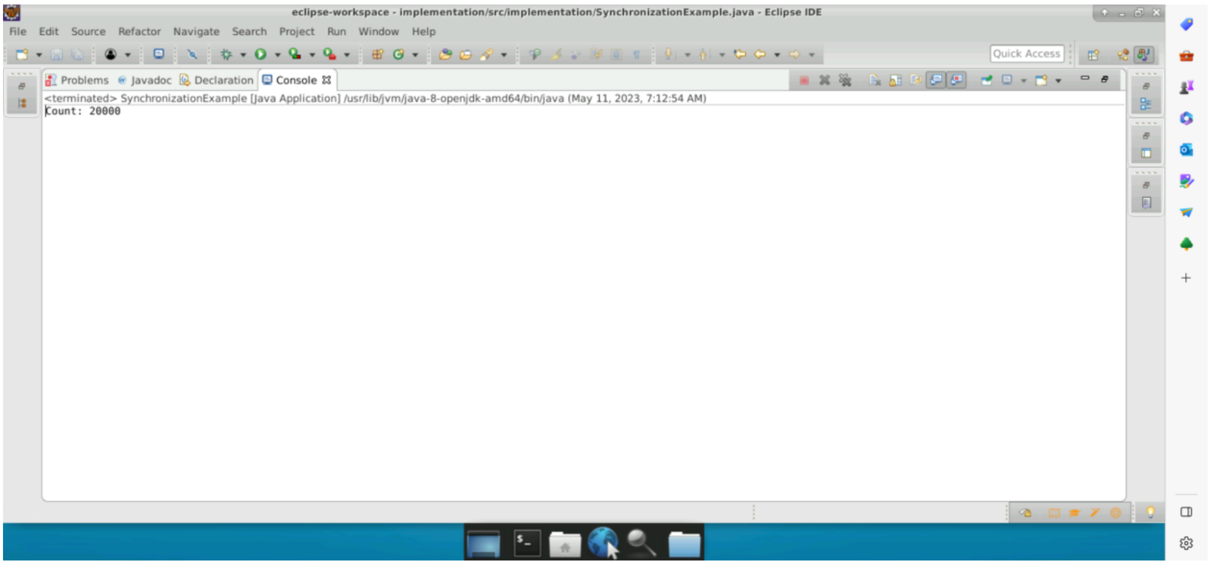
```java
package implementation;

class Counter {
    private int count = 0;

    // Synchronized method to increment the count
    public synchronized void increment() {
        count++;
    }

    // Method to get the count
    public int getCount() {
        return count;
    }
}

class WorkerThread extends Thread {
    private Counter counter;

    public WorkerThread(Counter counter) {
        this.counter = counter;
    }

    public void run() {
        for (int i = 0; i < 10000; i++) {
            counter.increment();
        }
    }
}

public class SynchronizationExample {
    public static void main(String[] args) throws InterruptedException {
        Counter counter = new Counter();
        WorkerThread thread1 = new WorkerThread(counter);
        WorkerThread thread2 = new WorkerThread(counter);

        thread1.start();
        thread2.start();

        thread1.join();
        thread2.join();

        System.out.println("Count: " + counter.getCount());
    }
}
```


eclipse-workspace - implementation/src/implementation/SynchronizationExample.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Quick Access
Problems Javadoc Declaration Console

```
<terminated> SynchronizationExample [Java Application] /usr/lib/jvm/java-8-openjdk-amd64/bin/java (May 11, 2023, 7:12:54 AM)
Count: 20000
```