```java
1 package analytics;
2
3 public class UserActivity
4 {
5     String sessionId;
6     long startTime;
7     final int SIZE = 100;
8     long[] addItemTime;
9     int counter;
10    int limitCounter;
11    long checkoutTime;
12
13    //Construct a UserActivity object, initializing sessionId and startTime
14    UserActivity(String sessionId, long startTime)
15    {
16        this.sessionId = sessionId;
17        this.startTime = startTime;
18        addItemTime = new long[SIZE];
19        counter = 0;
20        limitCounter = SIZE;
21    }
22
23    void logAddItem (long time)
24    {
25        addItemTime[counter++] = time;
26        if (counter > limitCounter -1)
27        {
28            limitCounter = limitCounter + SIZE;
29            long[] newArray = new long[limitCounter];
30            System.arraycopy(addItemTime, 0, newArray, 0, counter);
31            addItemTime = newArray;
32        }
33    }
34 }
```