



Console X

<terminated> ClockConversion [Java Application] /Users/aryanpat/p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.macosx.x86_64_17.0.4.v20220805-1047/jre/bin/java (Sep 28, 2022, 5:37:18 PM – 5:37:25 PM) [pid: 62114]

Enter Time in 24-Hour Format (Hour:Minute:Second):

17:09:18

The time in 12-hour clock is: 05:09:18 PM

DueDate.java ClockConversion.java X UserClock.java

```
5 import java.time.LocalDateTime;
6
7 public class ClockConversion {
8
9     public static void main(String[] args) {
10
11         Scanner input = new Scanner(System.in);
12
13         System.out.println("Enter Time in 24-Hour Format (Hour:Minute:Second): ");
14         String time = input.next();
15
16         SimpleDateFormat format = new SimpleDateFormat("hh:mm:ss a");
17
18         LocalDateTime hour = LocalDateTime.parse(time);
19
20         Calendar conversion = Calendar.getInstance();
21         conversion.set(Calendar.HOUR_OF_DAY, hour.getHour());
22         conversion.set(Calendar.MINUTE, hour.getMinute());
23         conversion.set(Calendar.SECOND, hour.getSecond());
24
25         System.out.println("The time in 12-hour clock is: " + format.format(conversion.getTime()));
26
27         input.close();
28     }
29 }
30
31 }
32
```