

```

public class TimeDisplay {

    public static void main(String[] args) {
        System.out.println("Lab02: The Time Display Program \n");

        //80 point version

//      int a = 10000;
//      System.out.println("Starting seconds: " + a);
//      int minutesa = (a/60);
//      int hours = (minutesa/60);
//      System.out.println("Hours: " + hours);
//      int minutesf = (minutesa%60);
//      System.out.println("Minutes: " + minutesf);
//      int secondsf = (a- (hours*3600)- (minutesf*60));
//      System.out.println("Seconds: "+ secondsf);

        //100 point version

        int a = 10000123;
        System.out.println("Starting seconds: " + a);
        int secondsa = (a/1000); //calculates TOTAL seconds
        int minutesa = (secondsa/60); //calculates TOTAL minutes
        int hours = (minutesa/60); //calculates hours
        System.out.println("Hours: " + hours);
        int minutesf = (minutesa%60); //calculates remaining minutes
        System.out.println("Minutes: " + minutesf);
        int secondsf = (secondsa%60);
        System.out.println("Seconds: " + secondsf);
        int milliseconds = (a -
(hours*3600000) - (minutesf*60000) - (secondsf*1000)); //calculates remaining milliseconds
        System.out.println("Milliseconds: " + milliseconds);

    }

}

```