

GitHub/CSCI155W1H1/HW1P3_Code.java

```
1  /*
2  Name: Hunter Poole
3  Date: 1/29/25
4  Homework #: 1
5  Problem #: 3
6  Source File: HW1P3_Code
7  Action: Divides a given number of seconds into days, hours, minutes, and seconds
8  */
9
10 import java.util.Scanner;
11
12 public class HW1P3_Code {
13     public static void main(String[] args) throws Exception {
14
15         Scanner Seconds_Input = new Scanner(System.in);
16         System.out.print("Enter the number of seconds: ");
17         int Seconds = Seconds_Input.nextInt();
18
19         while (Seconds <= 0) {
20             System.out.println("Please enter a positive number of seconds: ");
21             Seconds = Seconds_Input.nextInt();
22         }
23
24         Seconds_Input.close();
25
26         int Days_Result = Seconds / 86400;
27         System.out.println("Days: " + Days_Result);
28
29         int Days_Remainder = Seconds % 86400;
30         int Hours_Result = Days_Remainder / 3600;
31         System.out.println("Hours: " + Hours_Result);
32
33         int Hours_Remainder = Days_Remainder % 3600;
34         int Minutes_Result = Hours_Remainder / 60;
35         System.out.println("Minutes: " + Minutes_Result);
36
37         int Minutes_Remainder = Hours_Remainder % 60;
38         int Seconds_Result = Minutes_Remainder;
39         System.out.println("Seconds: " + Seconds_Result);
40     }
41 }
42
43 /* I am using VSCode, output below is the full terminal output */
44
45 /*
46 hunterpoole@Megs-MacBook-Pro Documents % /usr/bin/env /Library/Java/
JavaVirtualMachines/t
```

```
47 emurin-21.jdk/Contents/Home/bin/java -XX:+ShowCodeDetailsInExceptionMessages -cp /
48 Users/hu
49 nterpoole/Library/Application\ Support/Code/User/workspaceStorage/
aa4af2d5ea8777f0c20fee4a
49 a25f3c30/redhat.java/jdt_ws/Documents_5c3529dc/bin HW1P3_Code
50
51 Enter the number of seconds: 912418
52 Days: 10
53 Hours: 13
54 Minutes: 26
55 Seconds: 58
56
57 hunterpoole@Megg-MacBook-Pro Documents %
58 */
59
```