Credit Name: CSE 2140 Second Language Programming
Assignment Name: Ch.3 Mastery - Sleep

The following questions can help you in thinking critically about your problem-solving processes:

Understanding the Problem
How did you approach understanding the challenge?
Were there any parts of the problem you found confusing at first? If so, how did you resolve that confusion?
I approached the challenge by breaking it down into multiple parts that were easy to understand, allowing me to think about how to solve each individual part. I was a bit confused when I reached the section where I had to calculate the days alive, and I resolved it by using AI as calculator to check my programs calculations and see how they should work.

Planning the Solution
Did you create a plan or break the problem into smaller steps before coding?
How did you decide on the tools, data structures, or algorithms to use?
I broke the problem down into seperate parts to control diiferent sections of the program. I decided to use certain tools by choosing the simplest solution. I based my choices on what I could easily understand and what I had leanred in the textbook.

Implementation
Did you write the code in small pieces or attempt the entire solution at once?
How did you test your solution along the way to make sure it was working?
I wrote the code in individual pieces. This worked well for the program as it has a lot of individual parts to it. I tested after each section of code and used the program as intended in order to determine whether the program worked.

Overcoming Challenges
What part of the problem was the most difficult for you?
How did you handle moments when you felt stuck or unsure of what to do next?
The calculations were definitely the most difficult part of the program. When I felt unsure, I took a few moments to think of other ways to approach the problem.

Learning
Was there anything you learned that you think will help you with future challenges?
I think this was good for learning and experiencing the creation of a larger, more complex Java program (at least compared to the skillbuilders). This will help me with breaking down the steps of creating larger programs in the future.