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

Understanding the Problem
Were there any parts of the problem you found confusing at first? If so, how did you resolve that confusion?

In my opinion this code was pretty straightforward for the most part, However, when I first started it I was a little confused on the calculations aspect of the program. I didn't really know how to approach the materials calculations which uses the diameter. I resolved this by trying to break down what I was finding and doing it in small chunks. I tried to try multiple different ways until I got what I wanted.

Planning the Solution
Did you create a plan or break the problem into smaller steps before coding?

I prefer doing it all in smaller chunks since it helps me stay organized but for this one I think I pretty much just attempted it and did some trial and error. I did the parts that I felt confident first and then attempted the other parts

Implementation

How did you test your solution along the way to make sure it was working?
I made sure to a complete each sections before I attempted so that they weren't a lot of errors preventing me to run the code.

Overcoming Challenges

How did you handle moments when you felt stuck or unsure of what to do next?
I didn't really feel stuck for this program. Instead I did some trial and error when it came to the calculations to see if it works and what changes helped or worsened the code

Was there anything you learned that you think will help you with future challenges?
I think one thing that solidifed my understanding that I did in this program was how to display the output message. Specifically how it up so its seamless for the user