1. .
2. error[E0384]: cannot assign twice to immutable variable `x`
3. It prints “My value: 20”
4. Maybe you create a program to store the time of a place. Although a good programmer would store the information in a variable that distinguishes it like: Chicago_Time and Bangkok_time. However, if someone wants to store the time of different places and they code just “time”
5. My value: 20 - it also gave a warning about removing the “mut”
6. It doesn’t compile because TRIALS has been defined multiple times
7. It panicked for the unsigned result.
8. .
9. .
10. 41 nanoseconds - I even got 0 nanoseconds a few times
11. Average of 20.5 nanoseconds.
12. 134.708µs/10000 = 13.47 nanoseconds
13. I think it makes sense? I would expect it to be a tiny bit faster especially since I added small, basic numbers.
14. I put the trial number to 1,000,000,000, and I got the result in 12.283874459 seconds. It increases with the number of trials because trials are defining how many times it’s doing it.
15. It did it in 23 microseconds
16. None of these benchmarks really surprised me. Maybe a good question is what are some harder functions I can implement.