**What is Good Code**

* Readable and Scalable.
* How fast code runs cannot be measured effectively with built in functions. My computer’s CPU might be faster than someone else’s, which doesn’t speak for the code iteself.
* Big O is what is used to see how long an algorithm takes to run. Essentially, as you grow bigger with the input, how much does the algorithm slow down? Big O is machine independent. As the number of element s increase, how many operations are increased?

**Big O**

* O(n) – Linear Time. You iterate over your input once. The number of operations increases linearly as the input size increases.
* O(1) – Input size doesn’t matter, the number of operations will remain the same.
* 7n + 4