Name | isPrime **Deadline |** 2/25/2022

Purpose | The purpose of this milestone is to build functions that will generate a randome prime number and the next prime number give an integer provided by the user.

Specification |

ID	Requirement
1.0	isPrime is a function that shall determine if a user enter number, is a prime number.
1.1	isPrime shall return a 0 the number not a prime and 1 if it is a prime
2.0	NextPrime shall compute the next prime number after the entered number.
2.2	NextPrime shall output the same number if the entered number is a prime
3.0	Validate user input to ensure only integers are entered. Display an error "Please ensure you only enter integer number."
4.0	Document the logic implemented as part of the isPrime and nextPrime within a workflow diagram

Test Cases and Acceptance Criteria |

ID	Test Case	Acceptance Criteria
1	Enter 3 as input to isPrime	3 is prime
2	Enter 149 as input to isPrime	149 is prime
3	Enter 180 as input to isPrime	180 is not prime
4	Enter 179 as input to nextPrime	181 next prime
5	Enter 127 as input to nextPrime	131 next prime
6	Enter ABC as input to isPrime	Is prime
7	Enter #$@ as input to nextPrime	Shown error
8	Enter 0 as input to isPrime	0 is prime
9	Enter 0 as input to nextPrime	2 next prime

Reading List |

1. https://www.geeksforgeeks.org/introduction-of-object-oriented-programming/
2. https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Classes
3. https://medium.com/@viktor.kukurba/object-oriented-programming-in-javascript-3-polymorphism-fb564c9f1ce8 4. https://www.w3schools.com/js/js_conventions.asp
5. https://www.w3schools.com/js/js_best_practices.asp
6. https://google.github.io/styleguide/jsguide.html