

- **Story #1 - Add a List of Integers**
 - As a user I want to add a list of integers so that I can easily get a sum.
- **Acceptance Criteria #1**
 - Given a list of positive integers When they are added together then I should get a single bit positive sum of the integers provided
 - Given a list of negative integers When they are added together then I should get a single negative value
 - Given a list of integers When they are added then I should get a single sum of the integers provided.
 - Given a list containing a decimal number When they are added The values should be automatically rounded to the closest integer and I should see a single sum.
- **Story #2 - Subtracting a List of Integers**
 - As a user I want to subtract a list of integers so that I can easily get a final value.
- **Acceptance Criteria #2**
 - Given a list of integers, when I subtract them, then I should have an integer value of the value of all the integers in the list being subtracted in the order they were given.
 - Given “sub 10 5 3”, when I subtract them, then I should get “2”.
- **Story #3 - Multiple a List of Integers**
 - As a user I want to multiply a list of integers, so that I can easily get a product.
- **Acceptance Criteria #3**
 - Given a list of integers, when I multiply them, then I should receive an integer value
 - Given a list of rational numbers, when I multiply them, then I will throw an error.
- **Story #4 - Compute Quotient of a List of Integers**
 - As a user I want to divide a list of integers so that I can easily get a quotient.
- **Acceptance Criteria #4**
 - Given a list of integers, when I divide them, then I should get a value of the division of the list in the order given.
 - Given “div 102 2 3”, when I divide them, then I should get “17”.
 - Given a list of integers, when I divide them and a zero is present in the list, then an error should be thrown.
 - Given “div 102 2 0”, when I divide them, then I should receive an error “error: cannot divide by zero”.
- **Story #5 - Display Computation History**
 - As a user I want to see my previous math computation history so that I can check what I have done before
- **Acceptance Criteria #5**

- Given I want to check my computation history When I run the history command then I can see all of the commands and results that I have run since the last time I cleared the history.
- Given no computation history When I run the history command then I can will get a response from the program saying there is no history.
- **Story #6 - Clear Computation History**
 - As a user I want to clear my computational history, so that I can clear up memory on my calculator.
- **Acceptance Criteria #6**
 - Given I do not have any history to clear, when I run the clear history command, then I will get a confirmation message if the clear has succeeded.
 - Given I do have history to clear, when I run the clear history command, then I will get a confirmation message if the clear has succeeded.
- **Story #7 - Reuse Computation**
 - As a user I want to use a previous computations result in a current computation.
- **Acceptance Criteria #7**
 - Given I have previous previous computations, when I select a previous result, then I can substitute that result into my computation.
 - Given I have no previous computations, when I try to substitute in a previous result, then the identity property will be applied.
- **Story #8 - Wumbo Code**
 - As a user I want to be able to run Wumbo mode so that I can do the opposite of my commands
- **Acceptance Criteria #8**
 - Given I want to sum numbers When I run Wumbo mode, then my return value will be the subtracted version of those integers.
 - Given I want to multiply numbers, When I run Wumbo mode, then my return value will be a quotient of the numbers provided.
 - Given I want to subtract numbers, When I run Wumbo mode Then my return value will be the sum of the numbers provided.
 - Given I want to divide numbers, When I run Wumbo mode, then my return value will be the product of the numbers provided.