```
1. Start
2. Show a Welcome message to the user
3. Loop { for asking the user to input their option}
        a) Show a prompt for user selection
        b) if user selects B
                - prompt user for the num1
                - prompt user for the operation
                - prompt user for the num2
                - Output the result of num1 and num2 using the specified operation
        c) if user selects E
                - Exit the loop
        d) if user selects any other letter
                - Give a message saying we cannot yet compute this
                - Go back to the beggining of the loop
4. End of loop
5. Show a Goodbye message
6. End
```