INITIAL GOALS

NAME: Ben Southern

LIST OF GENERIC GRAPHIC CONCEPTS YOU WISH TO ACCOMPLISH:

Make a basic calculator

Have a number pad, a mathematical sign pad, and an area for displaying numbers

Mainly using buttons, event listeners, and many panels

FUNCTIONAL ASPECTS:

Make calculator that is able to add, subtract, multiply or divide two integers

Have a number pad on the west panel

Functioning buttons for adding, subtracting, multiplying and dividing on south panel

Display numbers being calculated, and the result

ARCHICTECTURUAL ASPECTS:

Make a main panel that holds west and south panel with border layout

Give the west panel a grid layout for the number pad

South panel will hold buttons used to do signs for math such as addition, subtraction, etc.

Display all numbers in center panel

**Planned Steps**

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| **New incremental feature of each step:** |
| **Create the frame for the program** |
| **Create PanMain that will hold other panels** |
| **Create other panels in pan main for holding buttons** |
| **Create grid of buttons on west panel for number pad** |
| **Create buttons in south panel for math functions** |
| **Create event listeners that create strings for the numbers to display** |
| **Create event listeners for mathematical functions** |
| **Display numbers in PanDisp** |
| **Allow for using multiple numbers for mathematical calculation** |
| **Clean up code, and make it efficient** |
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