

Criterion B: Design

Matrix Calculator GUI Mockup

Matrix Calculator

Matrix A

Matrix B

Matrix C

Buttons

A + B = C

A * B = C

Det(A)

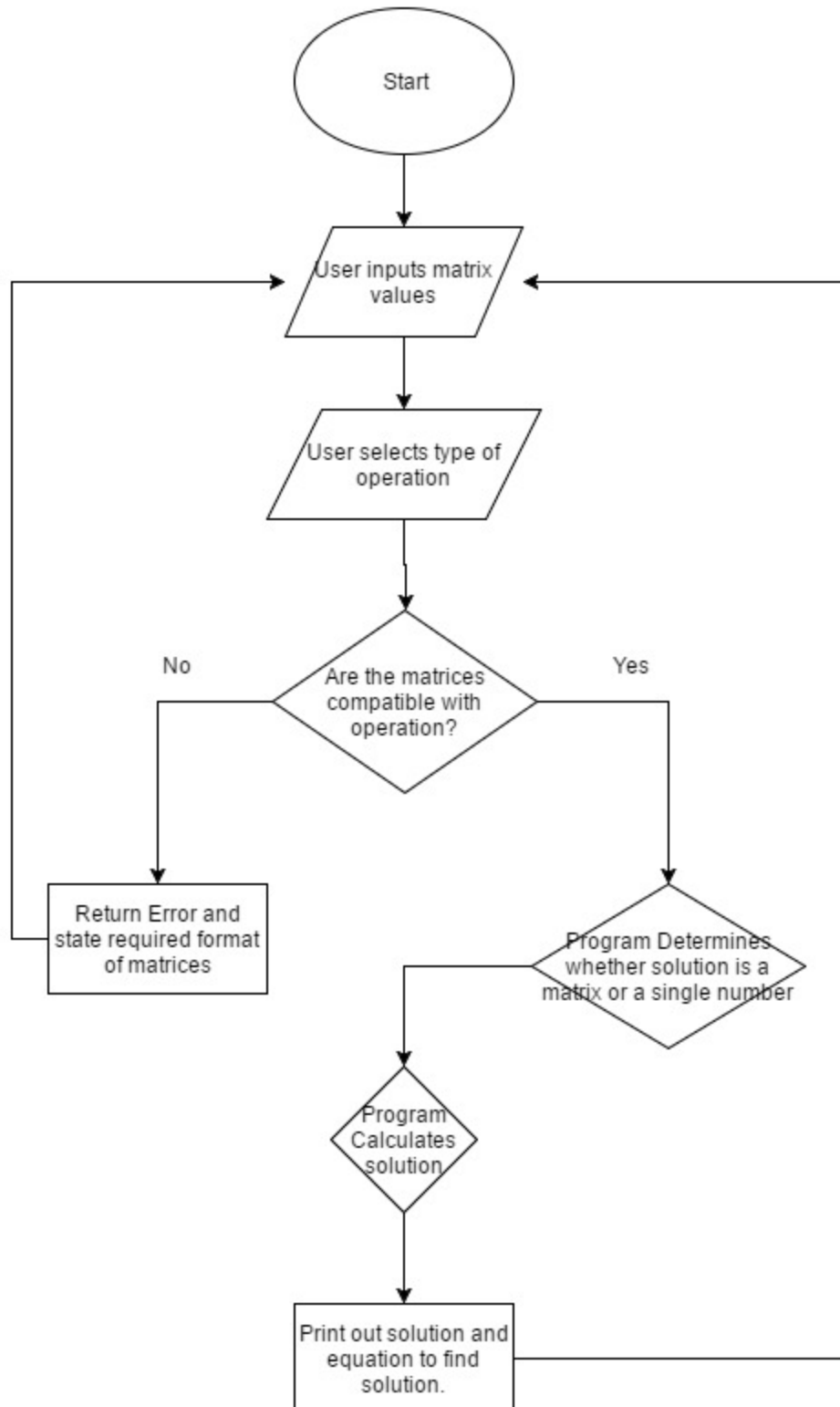
A⁻¹ = C

Integer Answer:

Output Field

As shown by the GUI mockup above, the application will have 18 text boxes (matrices A and B) that the user inputs information into, a button for each operation, 9 text boxes for the matrix answer, and a single text box for a single number answer.

Flowchart



This is a basic flowchart that depicts how the program will function in response to user interaction, and how it handles errors.