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Assignment 5.1

Main Menu

Calculator UI

iCalculator

← iCalculator

Input history

Input History

Standard Calculator
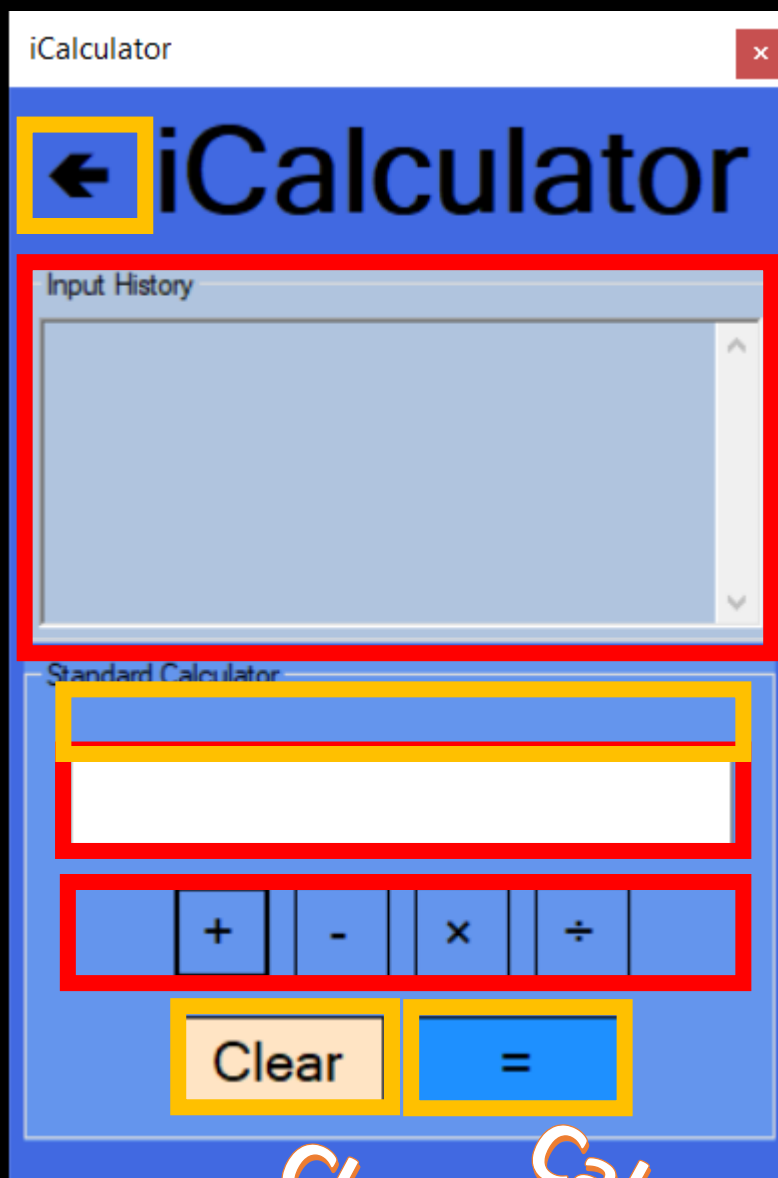
Error label
Input value

| + | - | × | ÷ |

Math operations

Clear

=

Clear everything
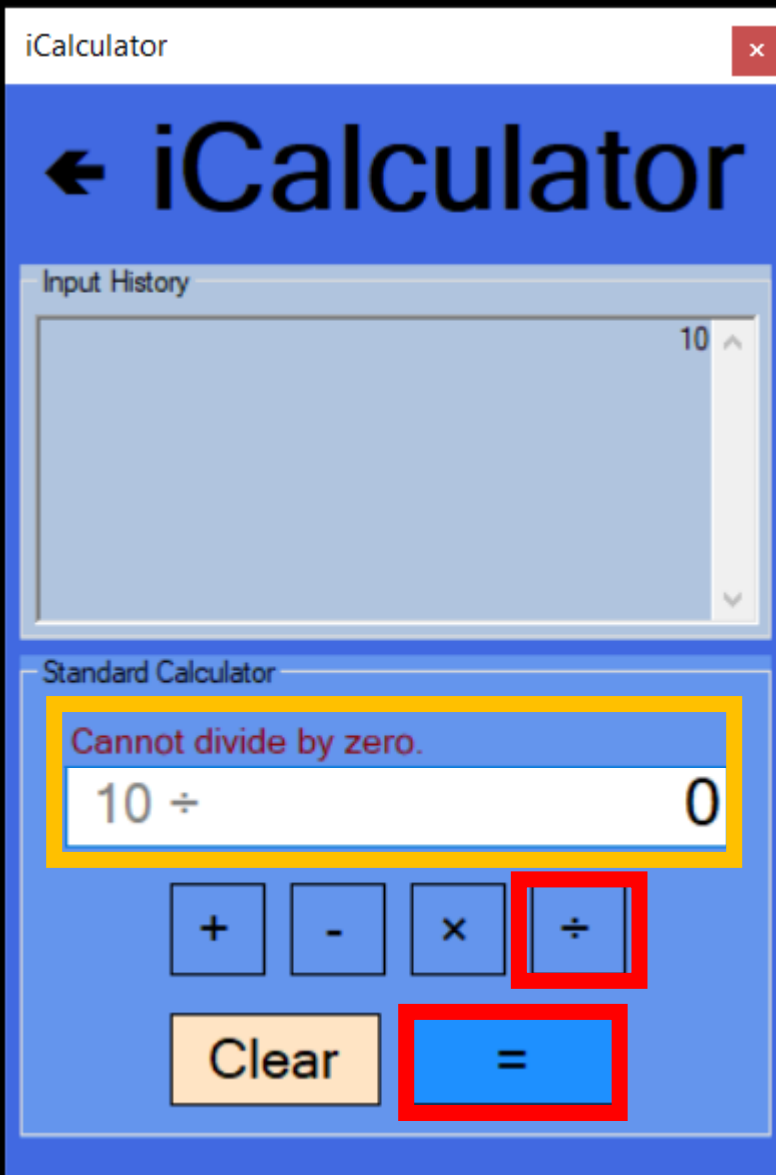
Calculate!

Invalid input (Validation)
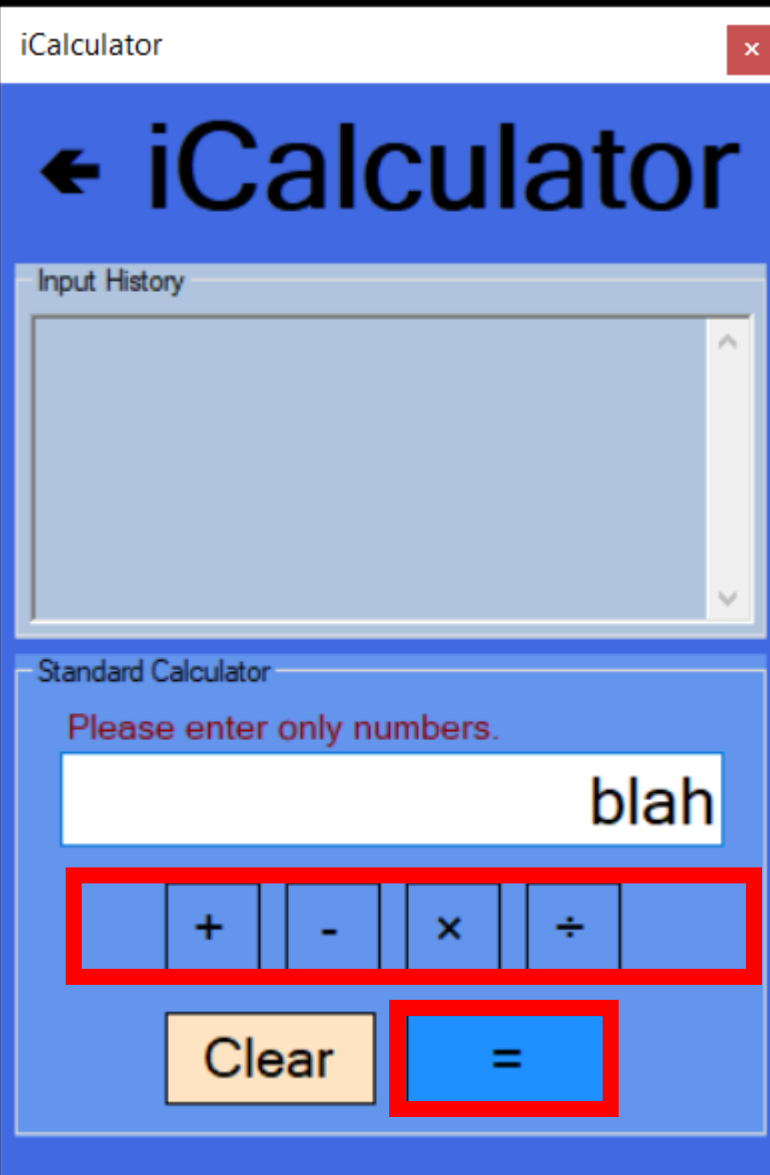
Invalid input will not pass to math operand methods
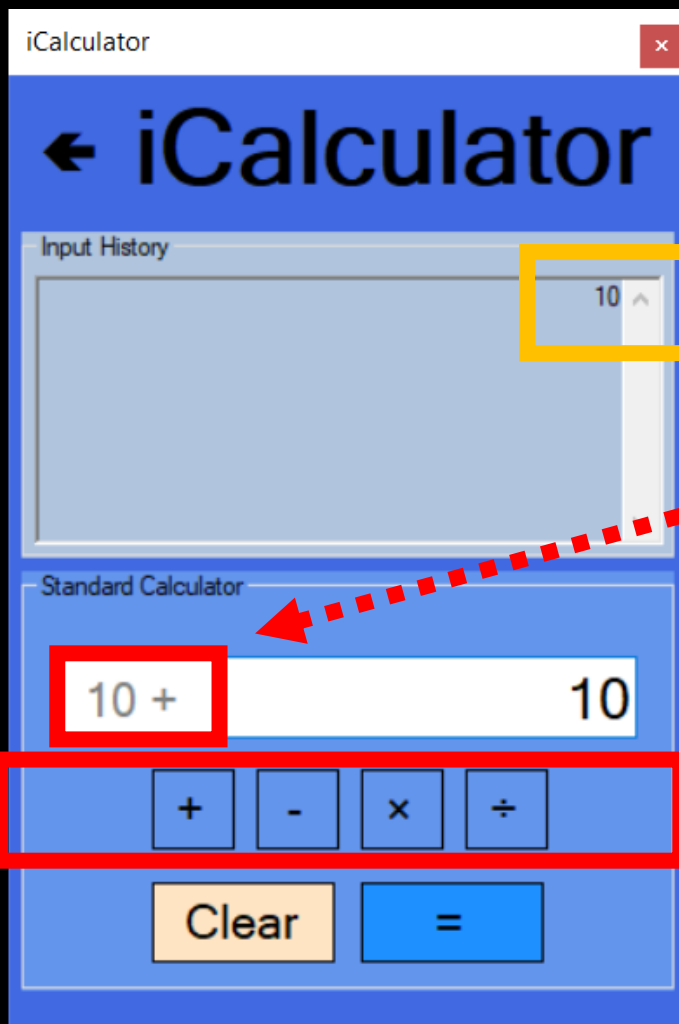
Any of these buttons will trigger validation

Invalid input (Validation)

Cannot divide by zero
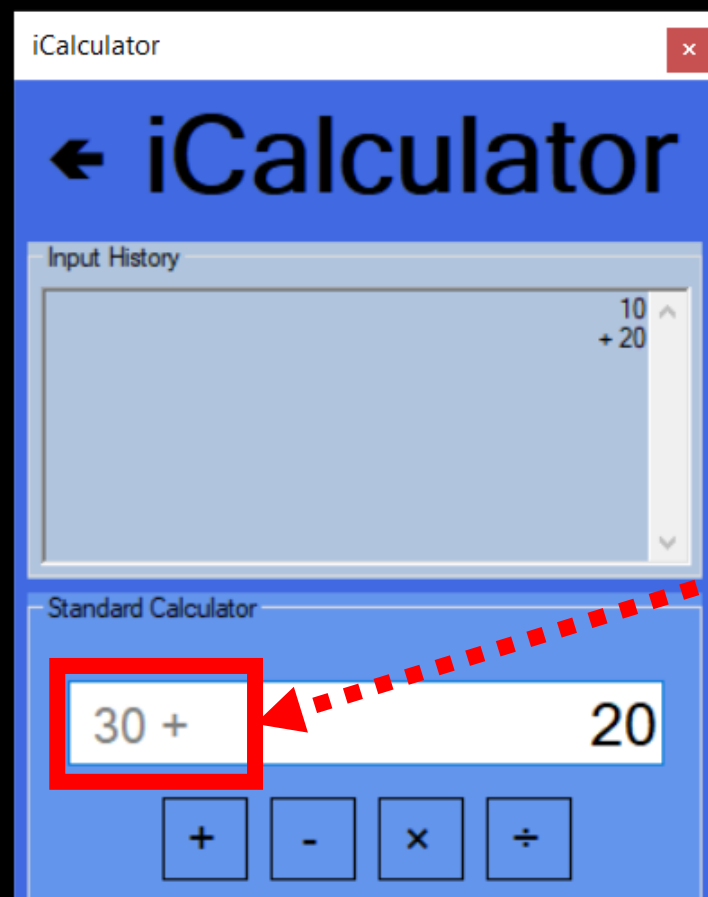
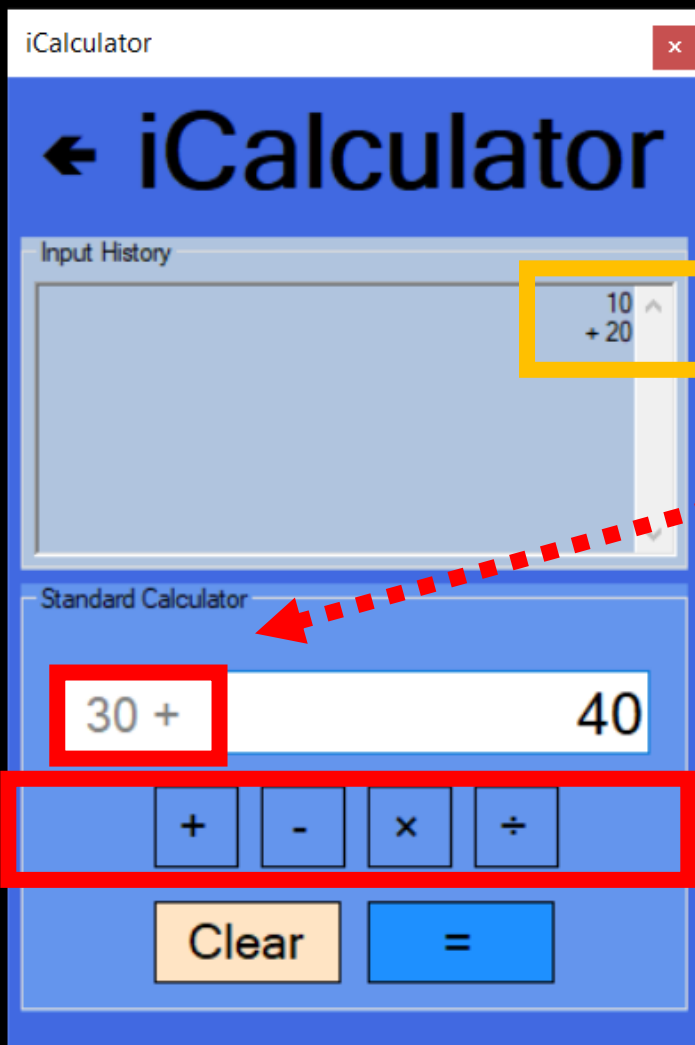**These buttons will trigger division by 0 validation**

Valid input (First step)

First valid input will log into the history panel & "pre" calculation result

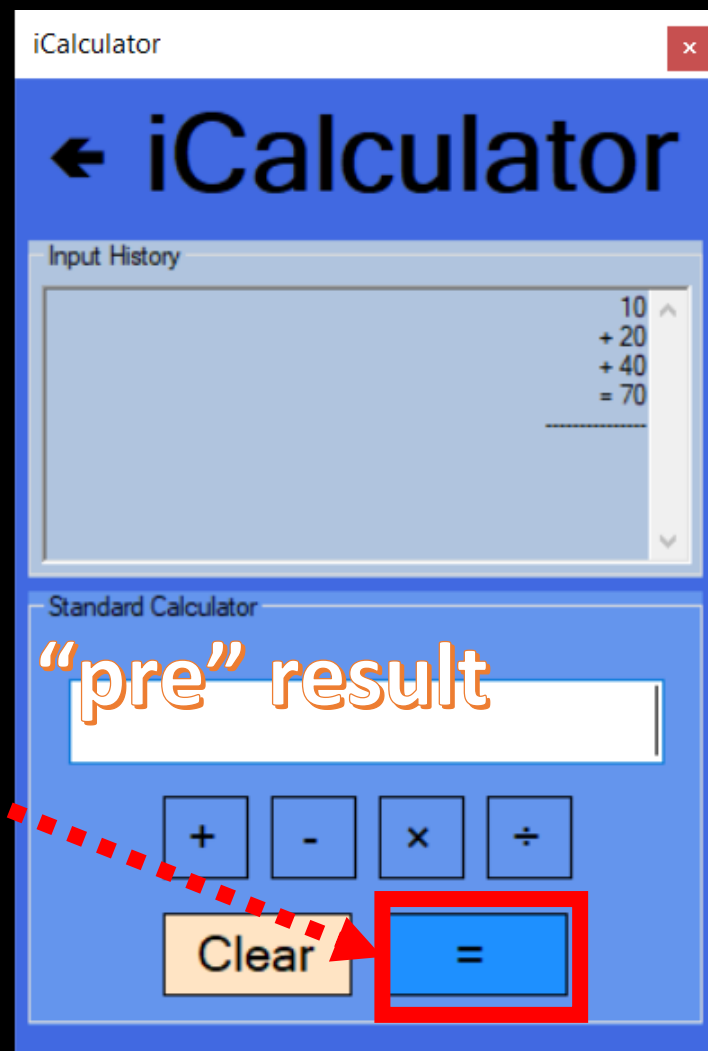**These buttons will trigger method + "pre" result**

"pre" result

Valid input (Additional steps)

Will keep calculating: Can keep entering numbers and

+ - × ÷

without needing to press =

Once "=" button is pressed, the history will display the result

"pre" result

Return to main menu

Employee Management System

Employee Management System

Employee Details

Add a new Employee

First Name	
Last Name	
SSN	___-__-____
Department	Administration
Date of Birth	2/ 8/2022

Confirm

Employee Data

	Eid	FirstName	LastName	Department	Dob	SSN
▶	10000	Tai	Huynh	Administration	5/1/2008	*****6789

Remove Selected Person

Employee Management System

Employee Management System

Employee Details

Add a new Employee

First Name	John
Last Name	Doe
SSN	123-45-6789
Department	IT
Date of Birth	7/13/1994

Confirm

Employee Data

	Eid	FirstName	LastName	Department	Dob	SSN
▶	10000	Tai	Huynh	Administration	5/1/2008	*****6789

Remove Selected Person

Employee Data

	Eid	FirstName	LastName	Department	Dob	SSN
	10000	Tai	Huynh	Administration	5/1/2008	*****6789
▶	10001	John	Doe	IT	1/13/1994	*****6789

Invalid Input

Using regular expression to match alphabet patterns

Delete a record