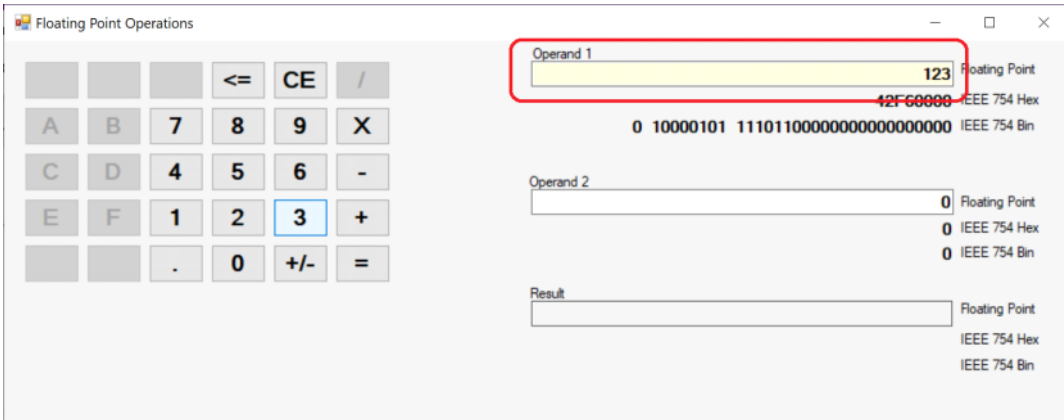
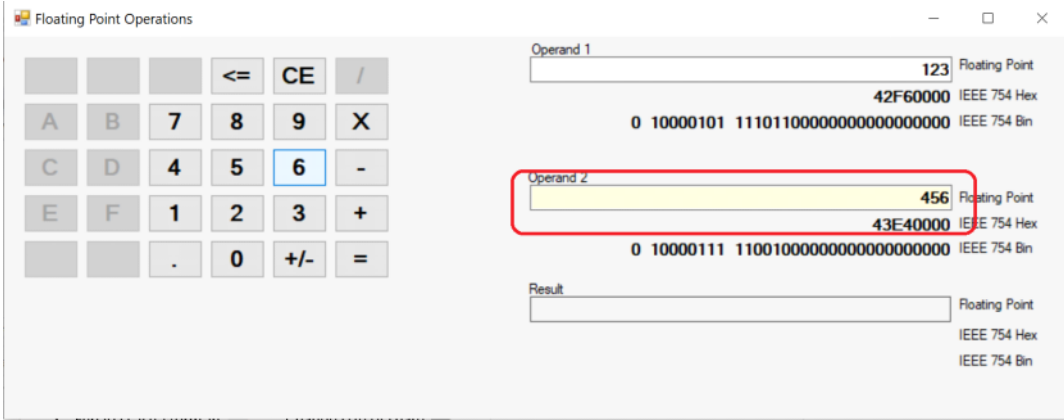


Project Start

Tuesday, February 15, 2022 7:05 AM

This project is only a start. It does not do everything yet.	
Git path for the project	DabregoLC/project: project (github.com)
<p>The red-circled file is the main solution file for the project. This starts the project.</p> <p>Open with visual studio. I used version 2019.</p>	<pre>danie@DESKTOP-R2JRVVO MINGW64 /c/UHCL/UHCL_SWEN_Software_Lifecycle/Spring2022/0 \$ git commit -m"initial" [master (root-commit) 7c82f22] initial 18 files changed, 2796 insertions(+) create mode 100644 .gitignore create mode 100644 README.md create mode 100644 fp/lib/fpoperations/Properties/AssemblyInfo.cs create mode 100644 fp/lib/fpoperations/Standard754FPNumber.cs create mode 100644 fp/lib/fpoperations/fpoperations.csproj create mode 100644 fp/lib/fpoperations/fpoperations.sln create mode 100644 winform/windowsFormsApp1/App.config create mode 100644 winform/windowsFormsApp1/Form1.Designer.cs create mode 100644 winform/windowsFormsApp1/Form1.cs create mode 100644 winform/windowsFormsApp1/Form1.resx create mode 100644 winform/windowsFormsApp1/Program.cs create mode 100644 winform/windowsFormsApp1/Properties/AssemblyInfo.cs create mode 100644 winform/windowsFormsApp1/Properties/Resources.Designer.cs create mode 100644 winform/windowsFormsApp1/Properties/Resource.resx create mode 100644 winform/windowsFormsApp1/Properties/Settings.Designer.cs create mode 100644 winform/windowsFormsApp1/Properties/Settings.settings create mode 100644 winform/windowsFormsApp1/windowsFormsApp1.csproj create mode 100644 winform/windowsFormsApp1/windowsFormsApp1.sln</pre>
After starting in visual studio, run the project with F5 key.	
<p>Put cursor in operand 1.</p> <p>Use mouse to click keypad buttons on the application to enter a number. It will not take keyboard input.</p>	
<p>Put cursor in operand 2</p> <p>Use mouse to click keypad buttons on the application to enter a number. It will not take keyboard input.</p>	

Press Plus sign

The screenshot shows a web application titled "Floating Point Operations". On the left is a calculator interface with buttons for digits 0-9, decimal point, and various mathematical operators. The "+" button is highlighted with a red rectangular box. On the right, the calculator's state is displayed: "Operand 1" is 123 (Floating Point, 42F60000 IEEE 754 Hex, 0 10000101 111011000000000000000000 IEEE 754 Bin); "Operand 2" is 456 (Floating Point, 43E40000 IEEE 754 Hex, 0 10000111 110010000000000000000000 IEEE 754 Bin); and the "Result" field is empty.

Press equals

The screenshot shows the same "Floating Point Operations" application. The "=" button on the calculator interface is now highlighted with a red rectangular box. The right-hand display shows the result: "Result" is 579 (Floating Point, 4410C000 IEEE 754 Hex, 0 10001000 001000011000000000000000 IEEE 754 Bin). Below the calculator interface, the number "0" is displayed.

Use this link to compare computations

<https://www.h-schmidt.net/FloatConverter/IEEE754.html>