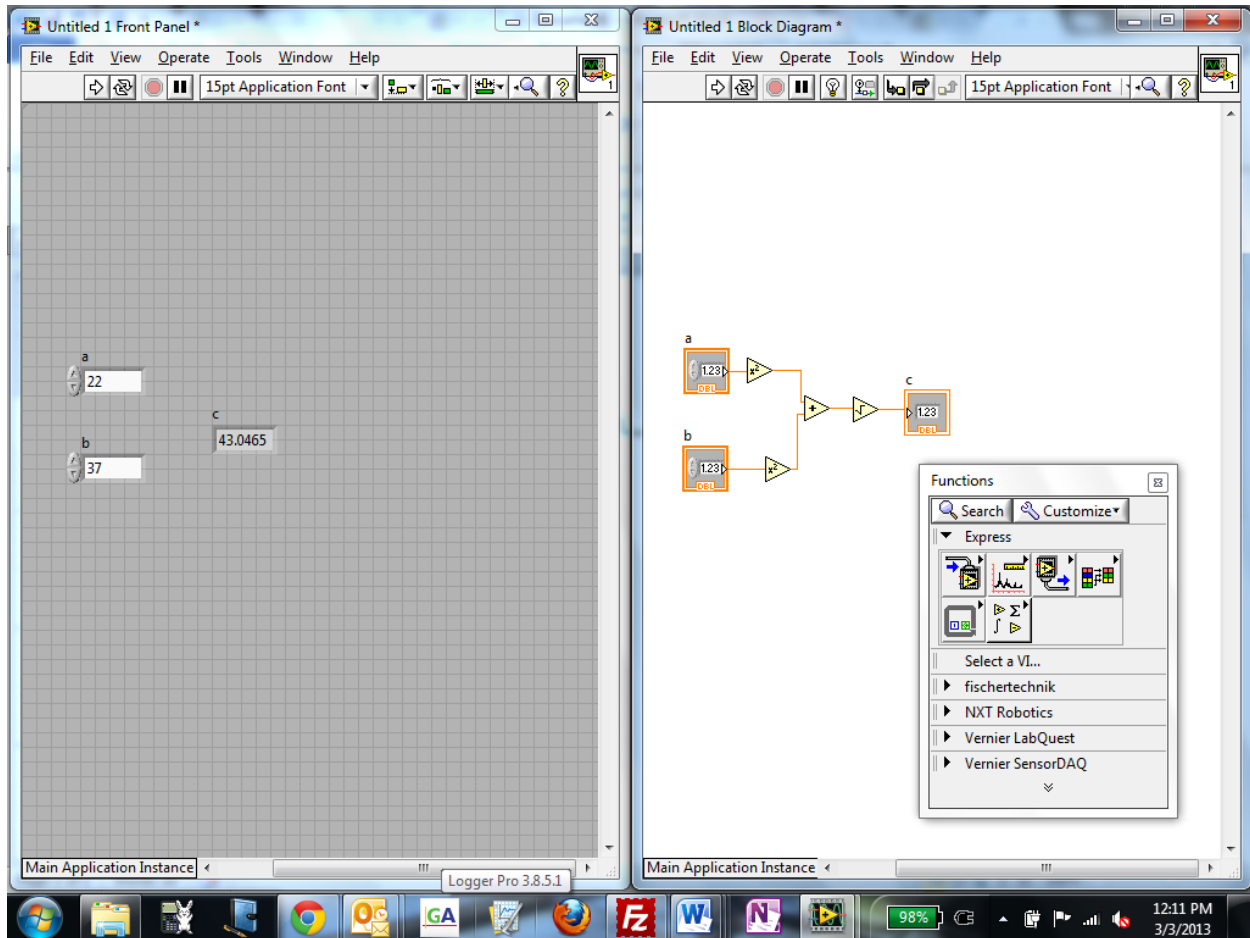


Tutorial: LabVIEW Basics Name(s) Andrew Toepfer

Start LabVIEW for Education 2010. On the bottom of the “Getting Started” screen, there is a “Teach Me” link. Click there a “Basic LabVIEW” tutorial. Be sure to save your *.VI files for each tutorial and project!!

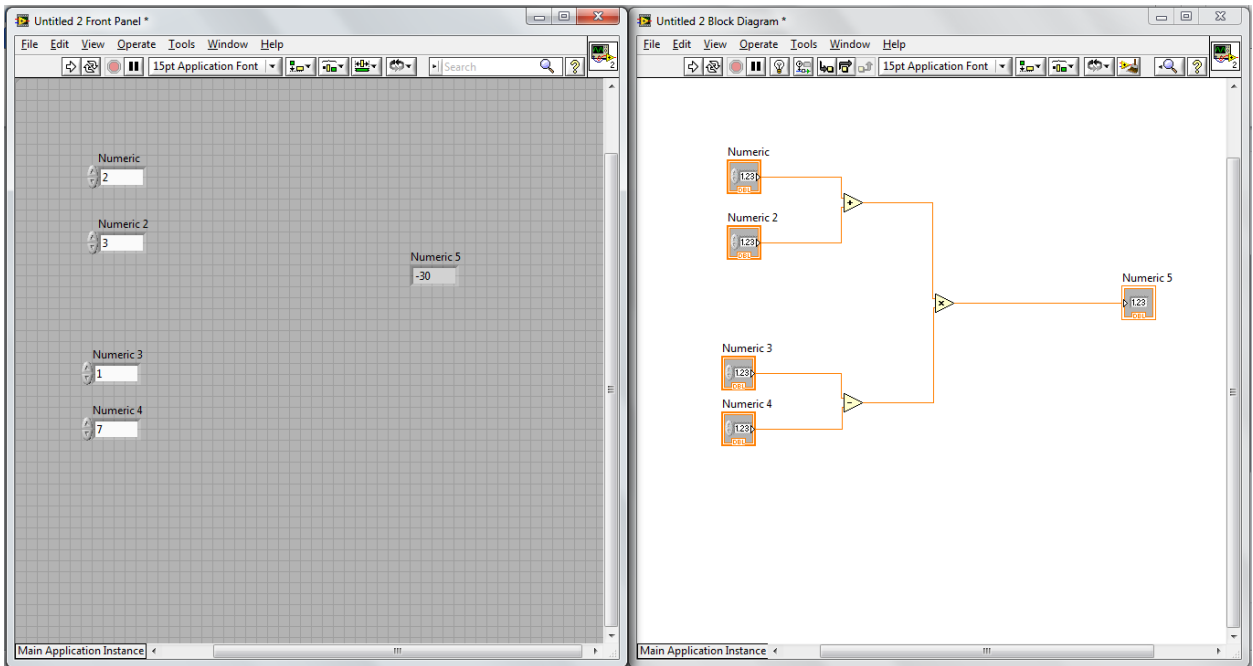
1) Pythagorean Theorem

$$\text{SQRT}(a^2 + b^2) = c$$



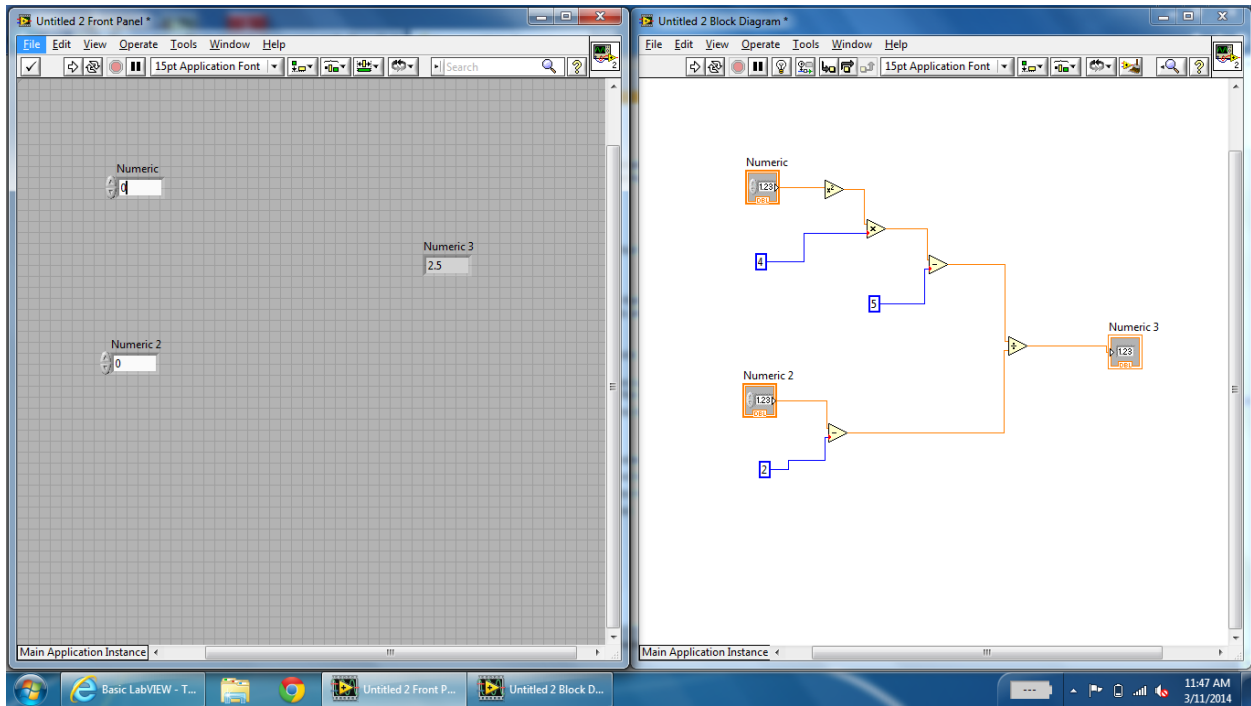
2) Your First LabVIEW Program

$$\text{Result} = (\text{Numeric1} + \text{Numeric2}) \times (\text{Numeric3} - \text{Numeric4})$$

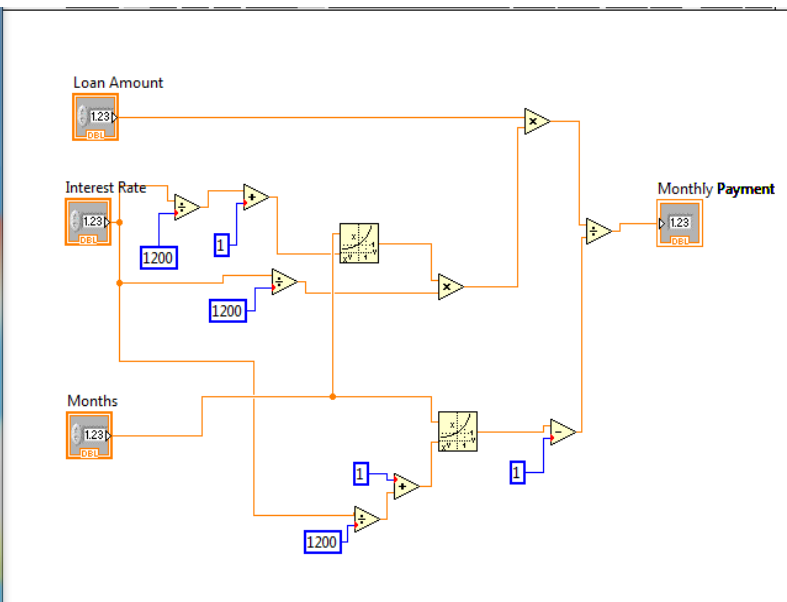


3) Your Second LabVIEW Program

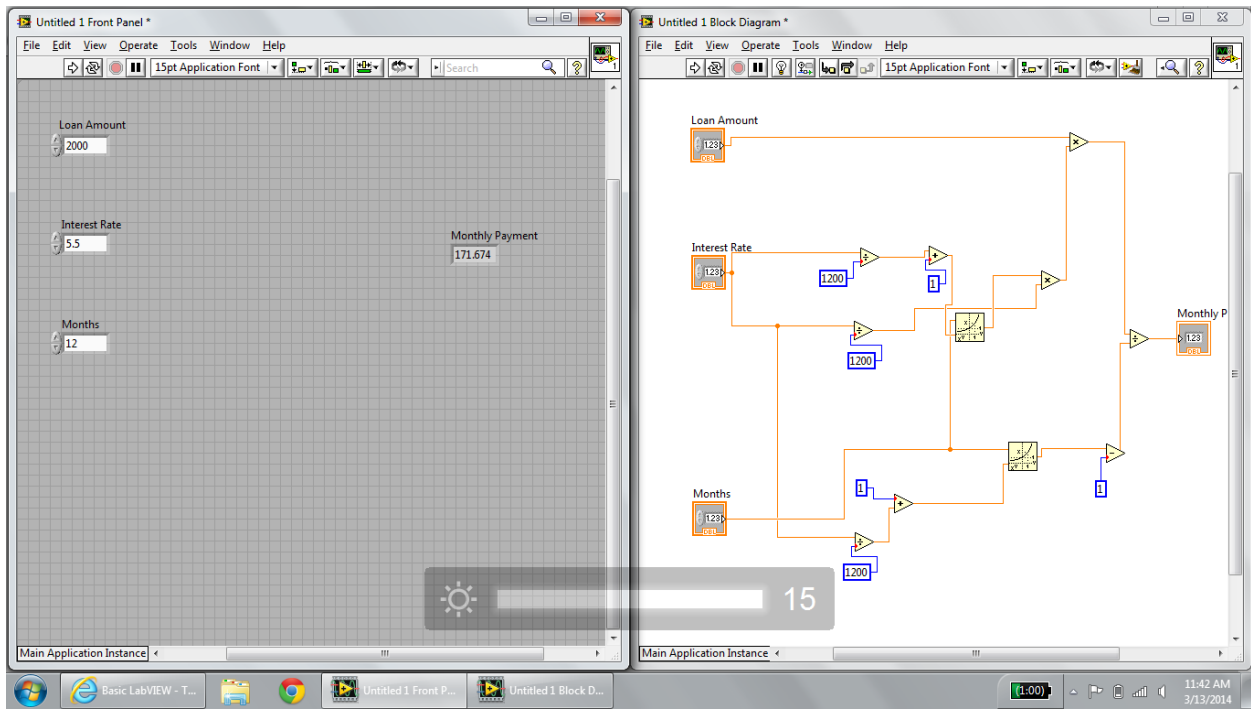
$$Y = (4x^2 - 5)/(x-2)$$



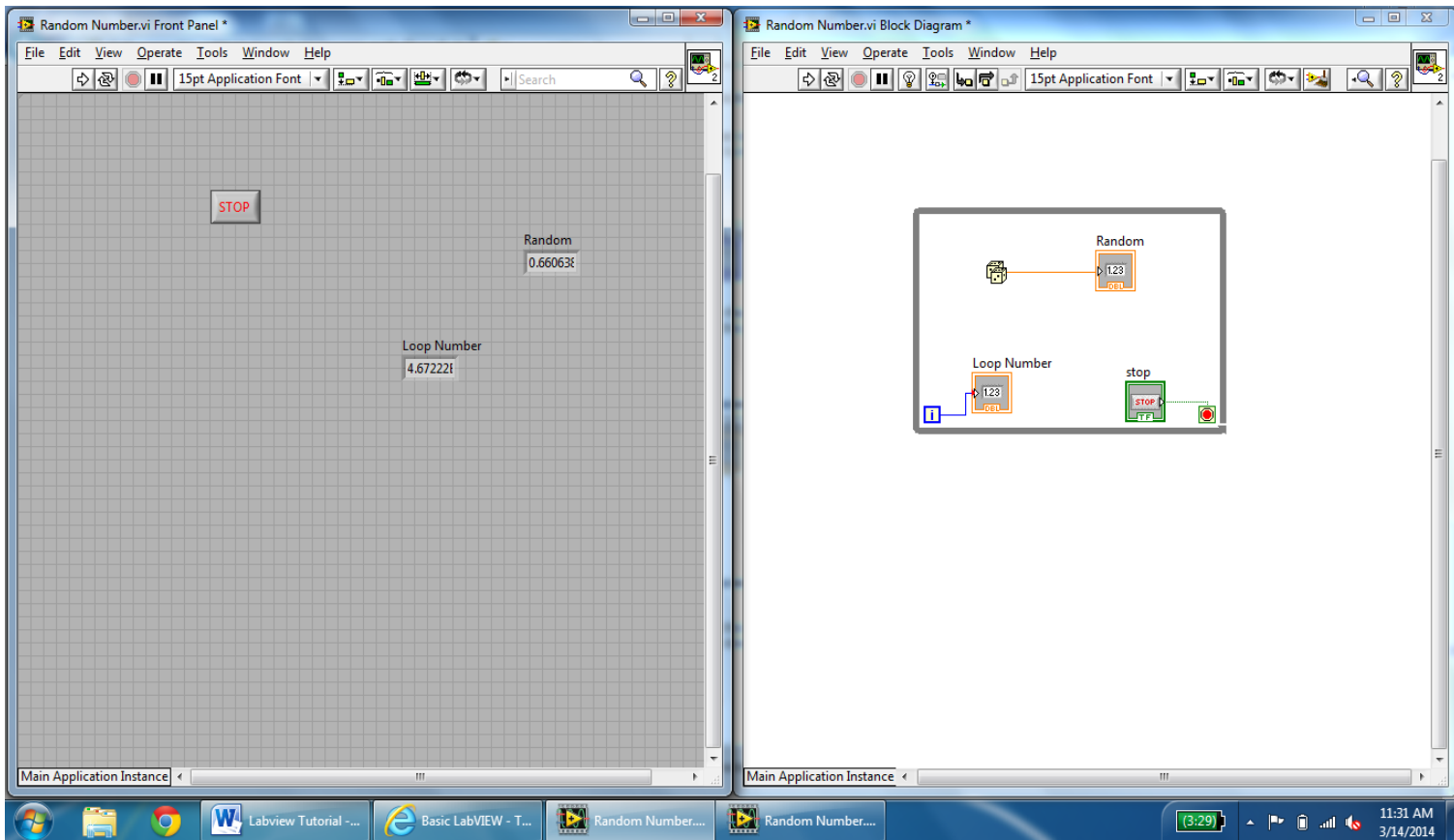
4) Monthly loan calculator



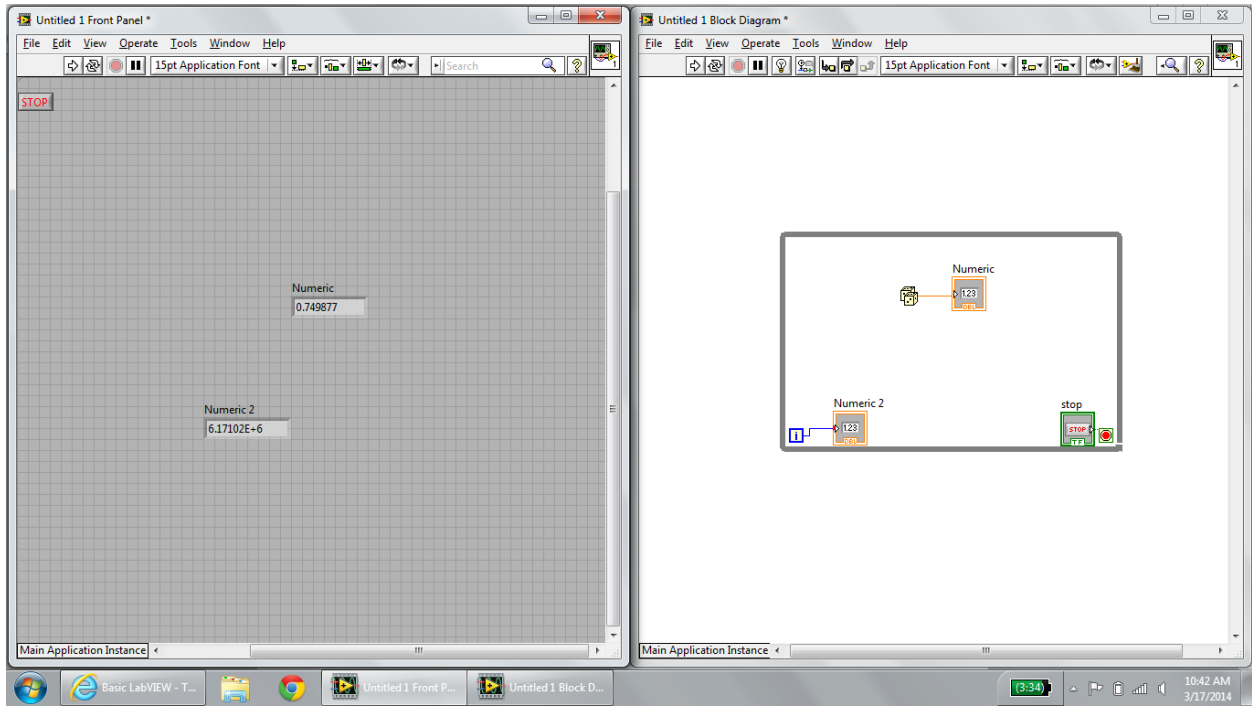
5) Case Structures



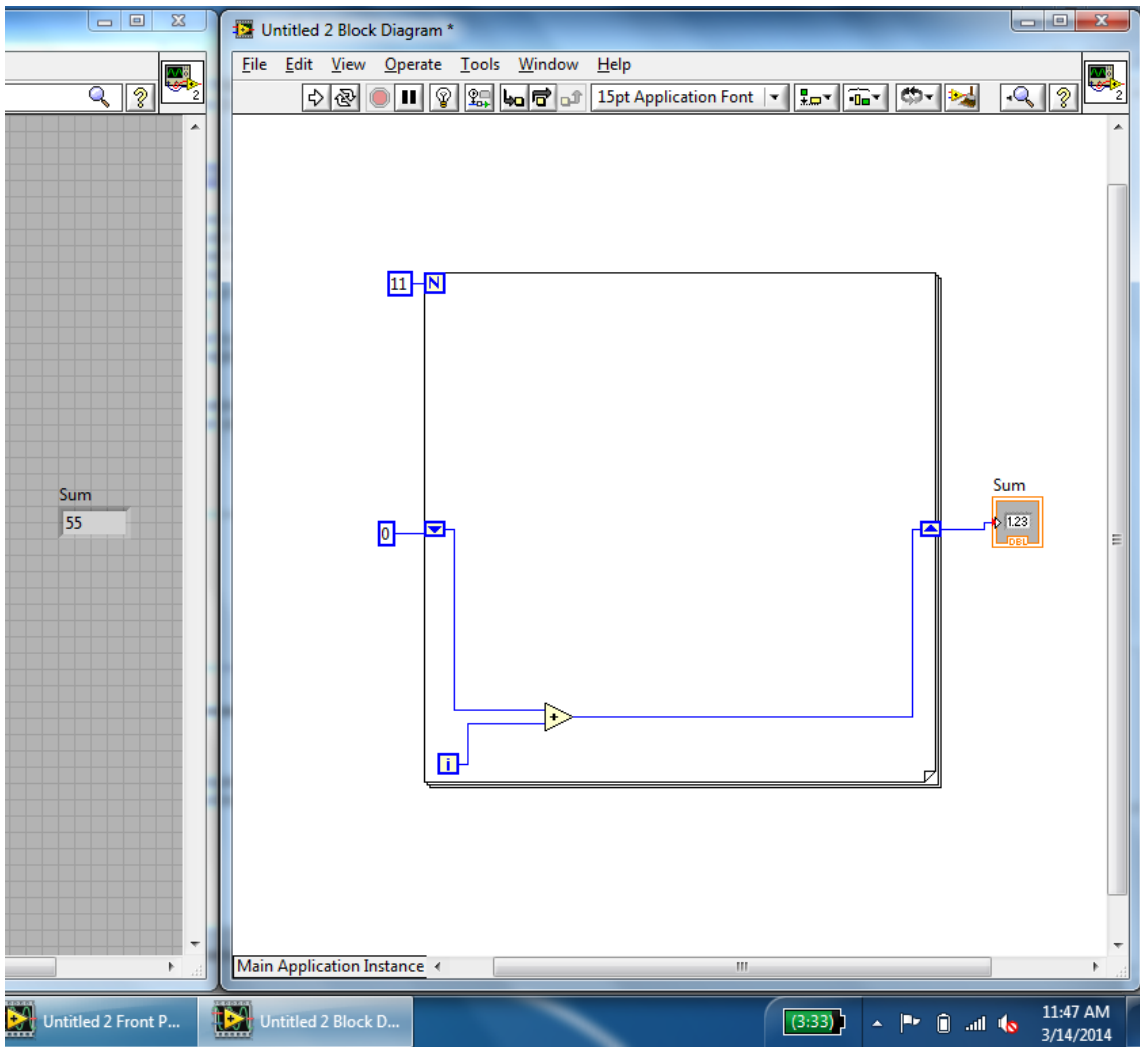
6) LabVIEW While Loops



7.)



8.)



9.)

