Tutorial: LabVIEW Basics Name \_\_\_\_\_\_\_Luke Fickenworth\_\_\_\_\_\_

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!!

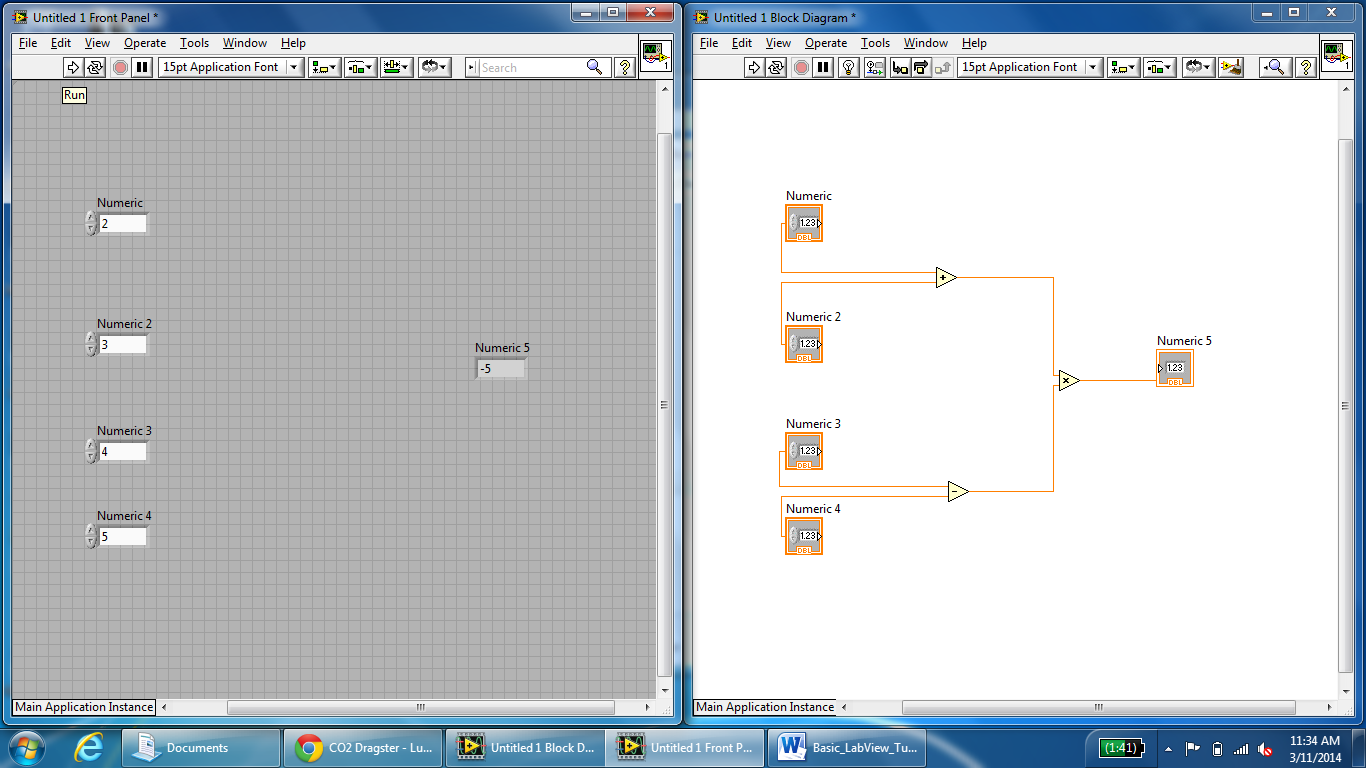
1)Pythagorean Theorem

SQRT(a2 + b2) =c



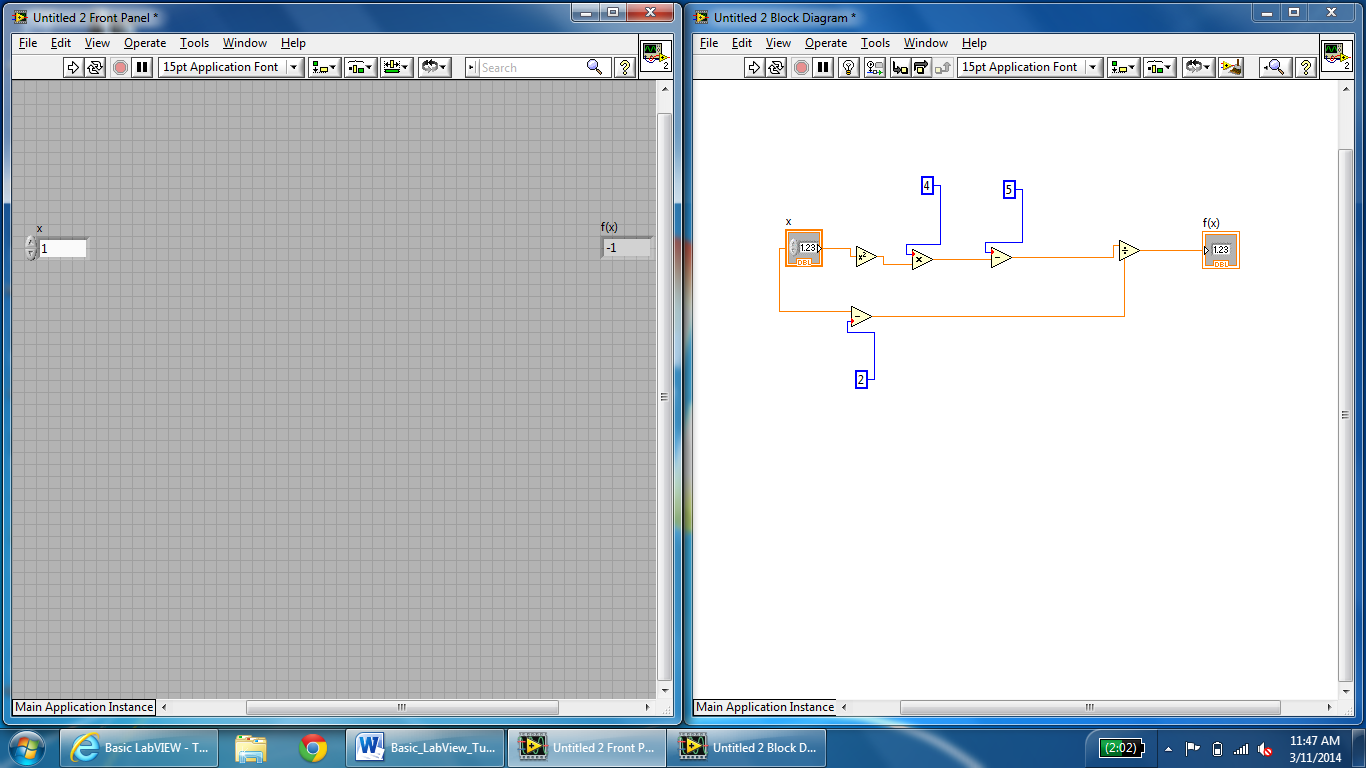
## 2) Your First LabVIEW Program

Result= ( Numeric1+Numeric2) X (Numeric3-Numeric4)

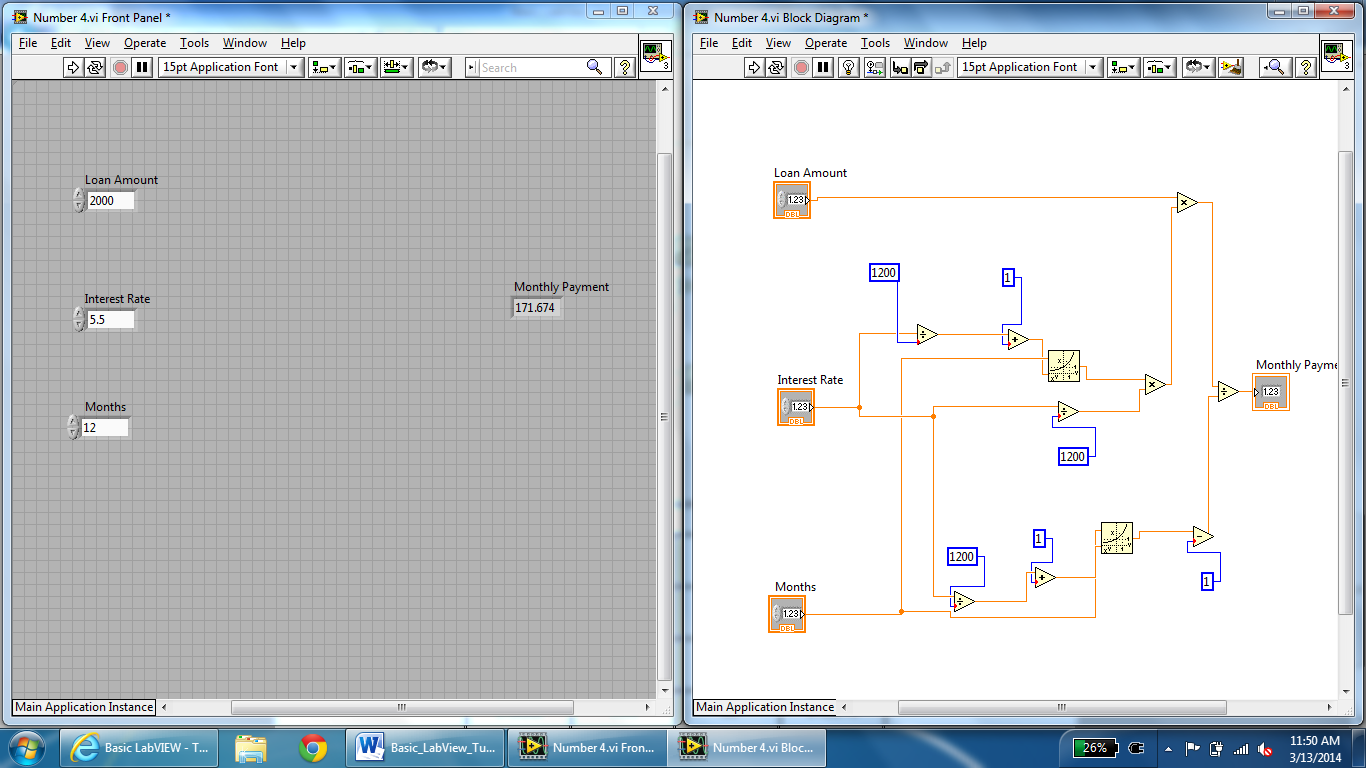


## 3) Your Second LabVIEW Program

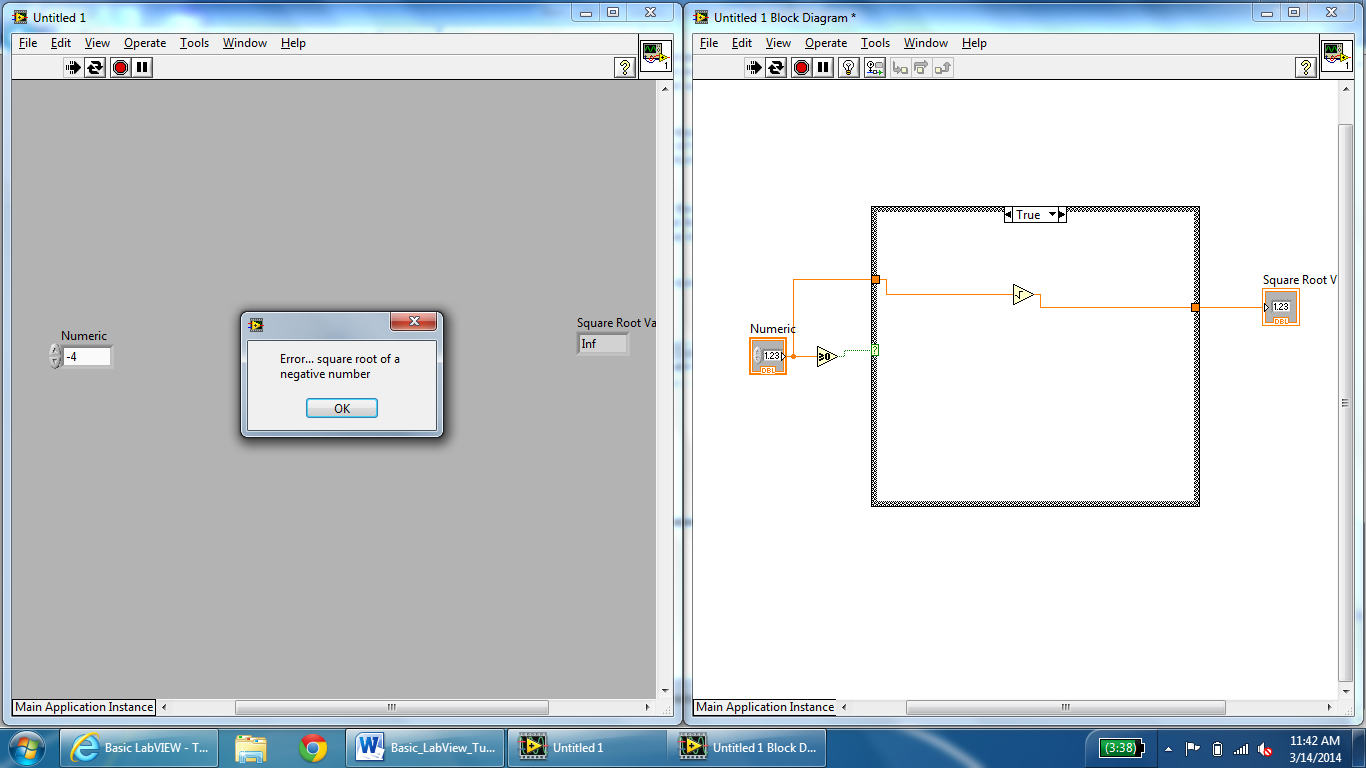
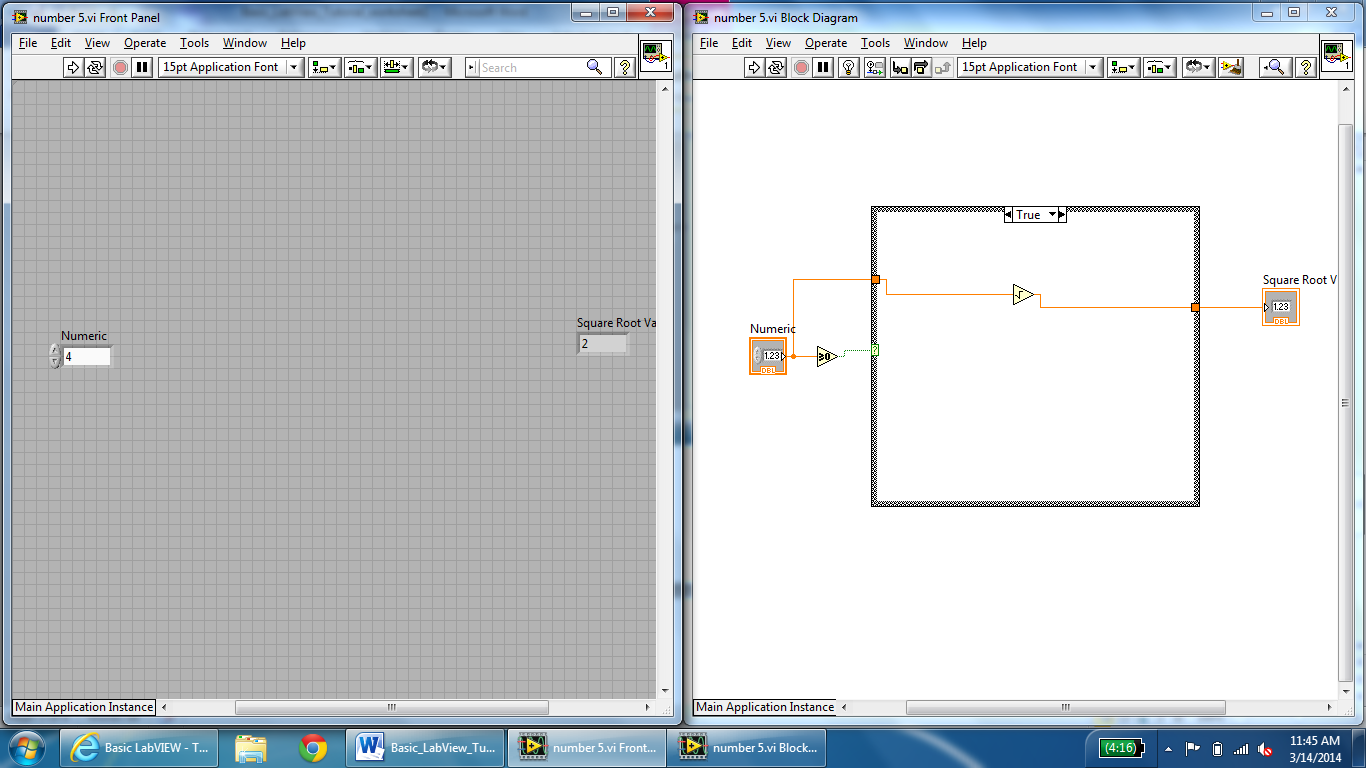
Y= (4x2 – 5)/(x-2)



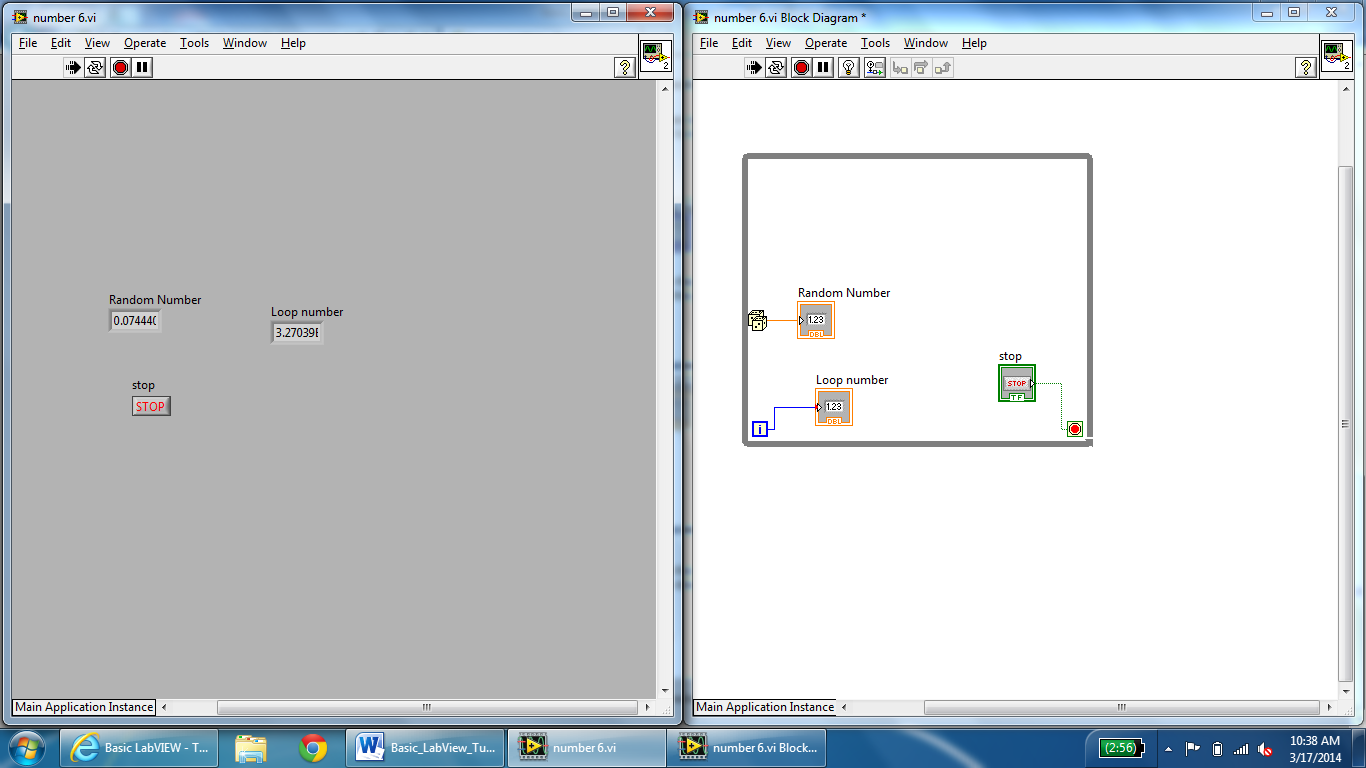
## 4) Monthly Loan Calculator



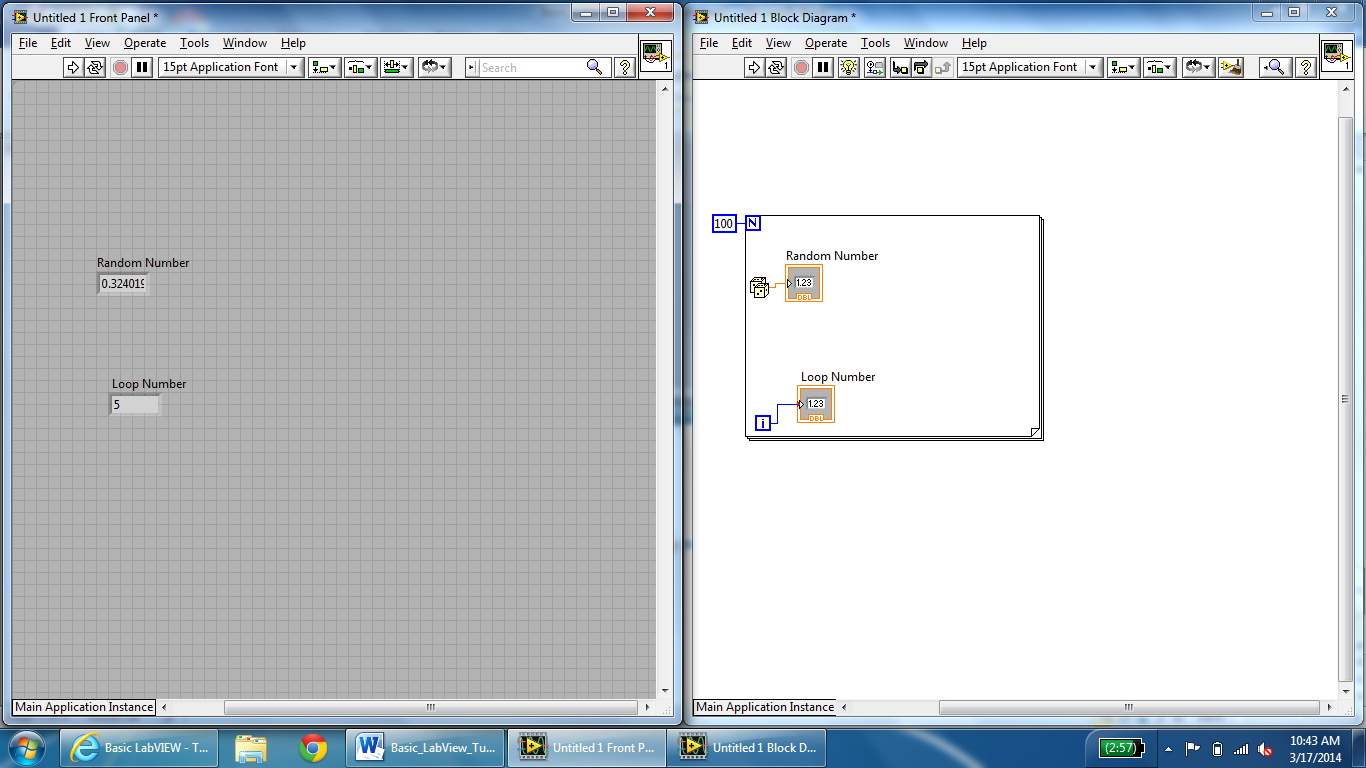
5) Case Structures



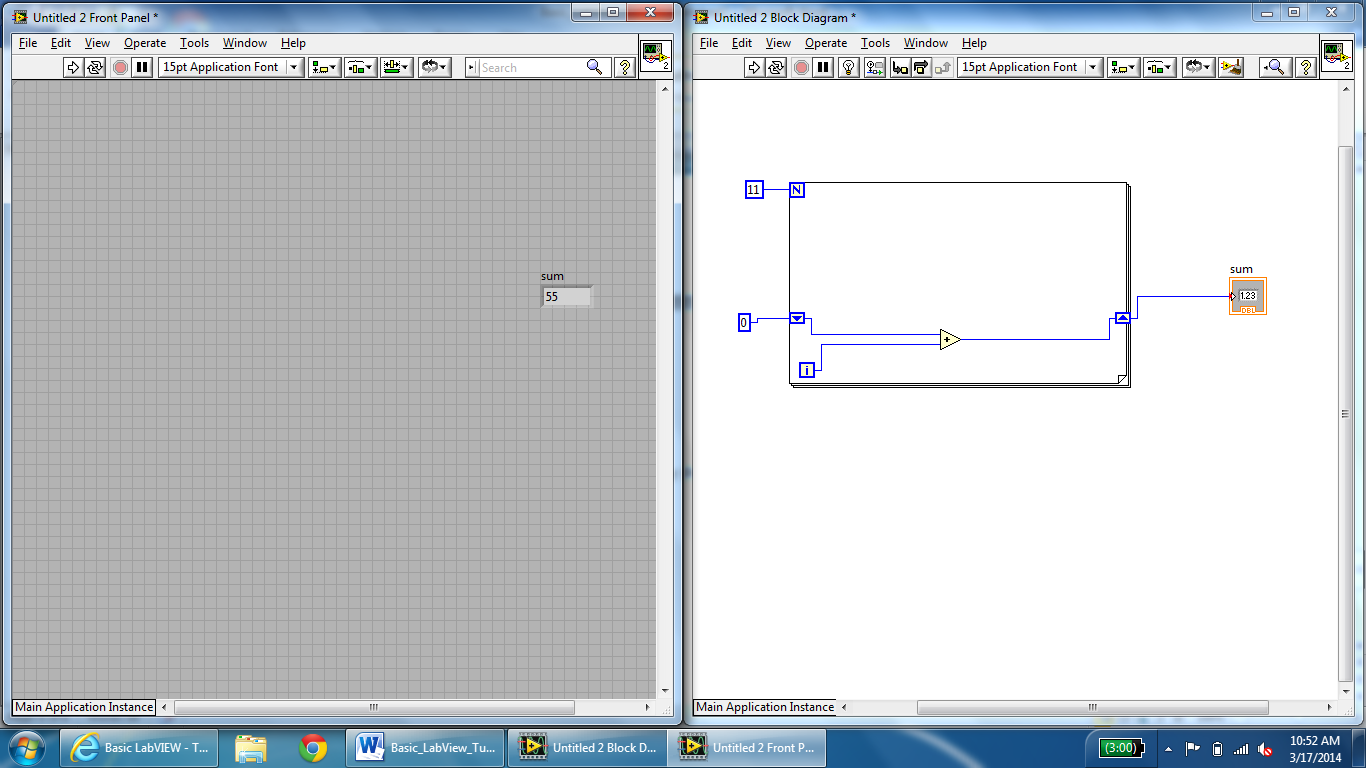
## 6) LabVIEW While Loops



## 7) For Loops



## 8) Shift Registers



## 9) Square Root Calculator Project

