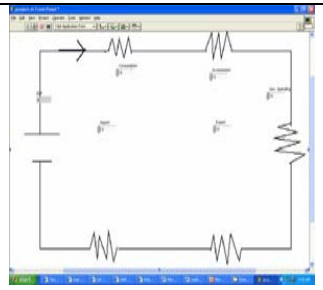
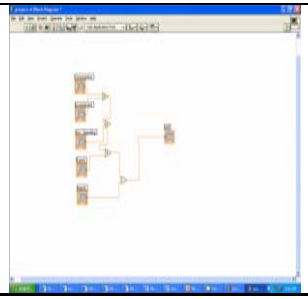
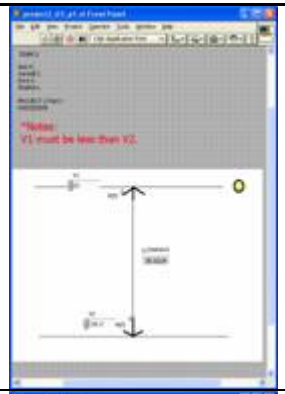
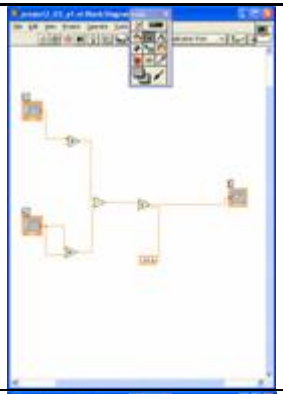
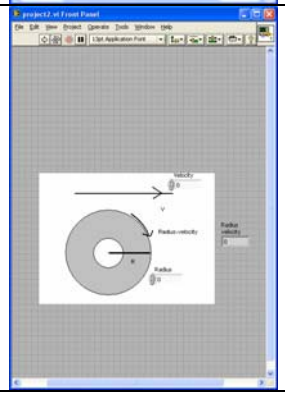
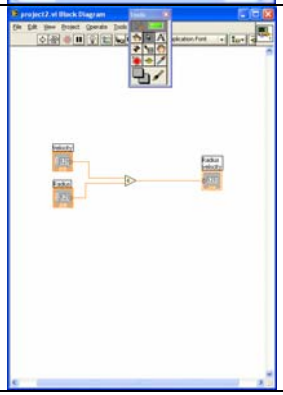
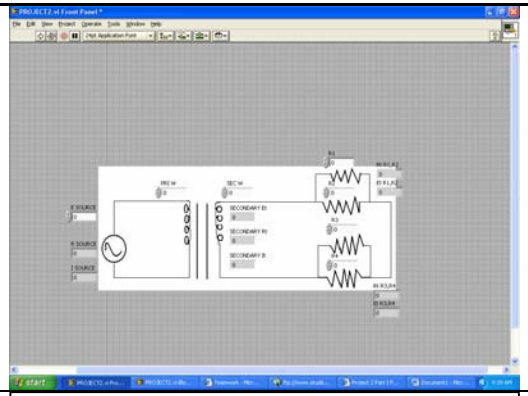
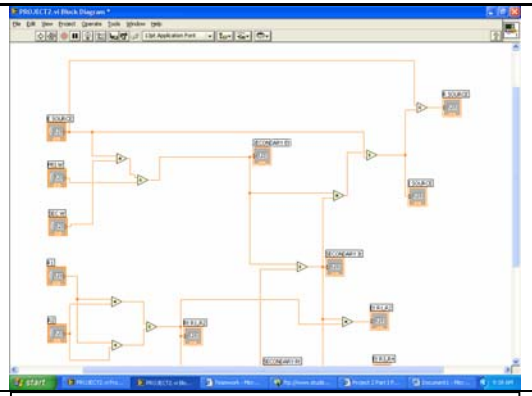
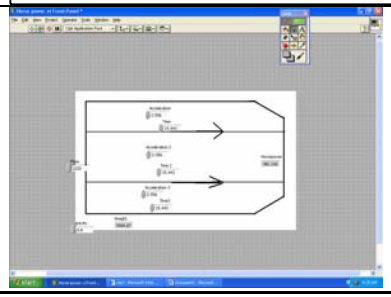
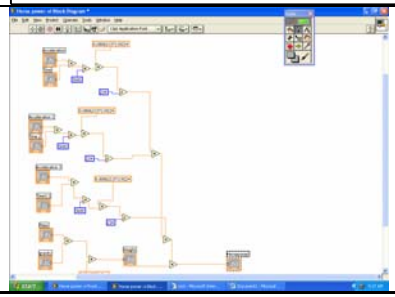
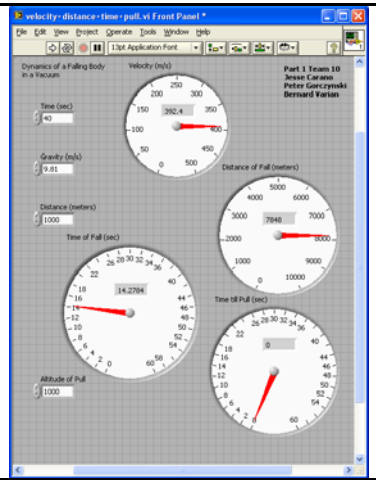
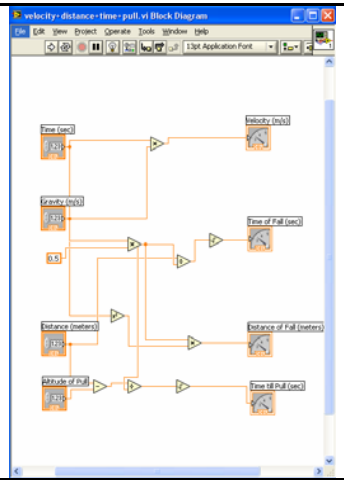
Engin 103 April 8, 2008 back to e-syllabus	Topics: Project 2 Part I Presentations Logbook questions

Project 2 Part I Presentations

Team #	Brief descriptions of your VI	Insert a snap shot of the Front Panel. Resize the figure to a height of 2in	Insert a snap shot of the Block Diagram. Resize the figure to a height of 2in	Grade your team readiness for Part II: (1- still figuring what to do; 2- have the equations but not the VI; 3- have the VI and sub-VI with some errors; 4- VI and sub VI tested, ready to go)
1				
2	GDP = C + I + G +X-M			2We have the formula we are still trying to figure out how to make it work.

3	The distance an object falls given both the starting velocity and ending velocity.				A+
4	automobile wheel's radius-speed which its radius and velocity are known.				4
5					

6	Series parallel circuit with a 100% efficient transformer			4
7	The VI is about Gravitational Potential Energy. The formula is PE=m*g*h Where m= mass (kg) g = gravity as a constant (9.8 m/s^2) h= meters and PE= in Joules			at this point we are still figuring what equation to use.
8	The VI that we are using is finding horsepower with the input as weight and the output from the equation is the final HP that the car has to pull with the cargo			Our team was all set to present, the only problem would be not finding a way to cube the equation in the block diagram.

10	Our team's VI is the dynamics of a falling body in a vacuum, more specifically a sky diver. Using the VI we can predict things like the timing of a fall or when to open your chute given a certain altitude.			3 - Have the VI and sub-VI with some errors.

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LOGBOOK: example of a logbook page

-Use a quadrille notebook; number all pages; date all entries
-Write your notes for all activities, thoughts, problems and solutions, and learning conclusions related to Engin 103. You should write down progress, outcomes, and conclusions on projects and teamwork; conclusions from class work (including LabVIEW) and homework.
-In addition you should answer in the logbook all questions listed in these notes in blue, as shown below:

35) Describe at least two LabVIEW elements not included in your team's VI but used in other teams' VI's.

36) Insert a snapshot of the Front Panel and Block Diagram of your team VI for Part I of Project 2, explain why the different elements were used.

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