Matlab review
Inlab 13
Due in lab April 14th or 15th

Write the following Matlab code:

1. Write a program which graphs the formula $y=(x+2)^3+x$ where x varies from –10 to 10.
2. The Fibonacci numbers are the values 0, 1, 1, 2, 3, 5 etc. where each successive number is the sum of the two values proceeding it. Write a function called "Fib" which takes a single positive integer N and returns the Nth Fibonacci number. (Fib(0)=0, Fib(1)=1, Fib(2)=1, Fib(3)=2 etc.) Supply a main program uses the Fib() function to graph the first 20 Fibonacci numbers vs. their rank. See http://en.wikipedia.org/wiki/Fibonacci_number for more details on Fibonacci numbers.
3. Write a function named "noNegOne" which takes a row vector as an argument and returns a "1" if the vector has no negative numbers in it and a "0" if it does have one or more negative number. The row vector can be of any size. Supply a main which calls it twice, once with a vector that has negative numbers, and once without negative numbers.