CSCI 3328 Object Oriented Programming in C# Assignment #4

Instructor: Dr. Xiang Lian
Due Date: See the course Web page

Write a program to calculate future value of periodic investments. Assume you start a retirement savings account with an initial investment and make contribution to it each month until you retire at the age of 65. How much money will you have in the account given <u>a fixed annual interest rate</u>? To make the calculations easy, I am asking you to make a deposit every 30 days (do not have to worry about number of days in each month, unless you want to take the time to do it.), and <u>obtain compounded interests monthly</u>. When you do it this way every 6 years you will have an extra deposit (5 days saved up from each year). See the program run in the Appendix.

Reference: Compound interest: http://en.wikipedia.org/wiki/Compound_interest

Please submit:

- 1. Program listing, and
- 2. The screen captures (as given in the Appendix)

Please submit all files in a compressed *.zip file.

Your program should begin with a comment section that would include the following:

PROGRAMMERS NAME:_		
STUDENT ID:		
CLASS:	ASSIGNMENT #:	
DATE DUE:	DATE TURNED IN:	

• Upload the *.zip file you created to the Blackboard. The subject of the submission must include the following information:

[CSCI 3328] [Assignment #] [Your Name Here] [Your Student ID Here]

Appendix: Examples of Screen Captures

