

FALL 2007
CS 113: Introduction to Computers
Assignment 10
Due: November 20, 2007
Do Loops
(16 points)

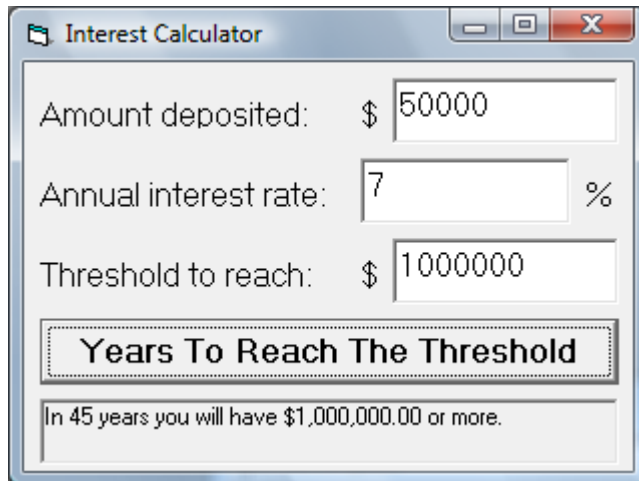
Objectives: Learn how to create and use Do Loops.

What to do?

Read sections 6.1-6.2 of the textbook.

Suppose that some initial amount of money (entered by the user in a text box) is deposited into a savings account and let the money accumulate at a given annual rate (entered by the user in a second text box). Design a VB program that determines in how many years the account balance will reach or exceed a certain value entered by the user in a third box. Use a Do While Loop for the task. Use function `FormatCurrency` to output the threshold value.

The interface of the program along with its output after a set of input data is entered is shown below.



Make sure the objects in your program are as follows:

Object	Property	Setting
frmInterest	Caption	Interest Calculator
Label1	Caption	Amount deposited:
Label2	Caption	\$
txtAmount	Text	
Label3	Caption	Annual interest rate:
txtRate	Text	
Label4	Caption	%
Label5	Caption	Threshold to reach:
Label6	Caption	\$
txtThreshold	Text	
cmdCompute	Caption	Years To Reach The Threshold
picResult		

Save your work.

What to submit

Use Blackboard Vista to submit the Visual Basic Form File with your program.