

FALL 2007  
CS 113: Introduction to Computers  
**Assignment 8**  
*Due: November 6, 2007*  
**Decisions**  
(16 points)

Objectives: Learn how to create and use If blocks.

**What to do?**

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Read sections 5.1-5.2 of the textbook.

Design a VB program that gives you advice based on the current outside temperature. You enter the current temperature (T), click a button and the program displays the information on the current temperature in a picture box and generates the following additional messages:

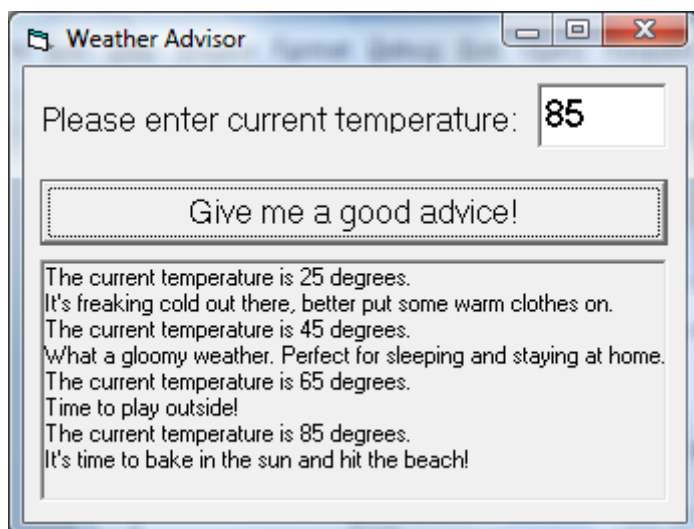
It's freaking cold out there, better put some warm clothes on. (If  $T < 32$ )

What a gloomy weather. Perfect for sleeping and staying at home. (If  $T \geq 32$  and  $T < 50$ )

Time to play outside! (If  $T \geq 50$  and  $T < 70$ )

It's time to bake in the sun and hit the beach! (If  $Temp \geq 70$ )

The interface of the program along with its output generated after several different values of temperature are entered is shown below.



Design a VB program with the interface as shown above. Make sure the objects in your program are as follows:

<b>Object</b>	<b>Property</b>	<b>Setting</b>
frmAdvisor	Caption	Weather Advisor
label1	Caption	Please enter current temperature:
txtTemp		
cmdAdvice	Caption	Give me a good advice!
picResult		

Save your work.

### **What to submit**

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Use Blackboard Vista to submit the [Visual Basic Form File](#) with your program.