

Lab 5 – Personal Trainer Mobile App

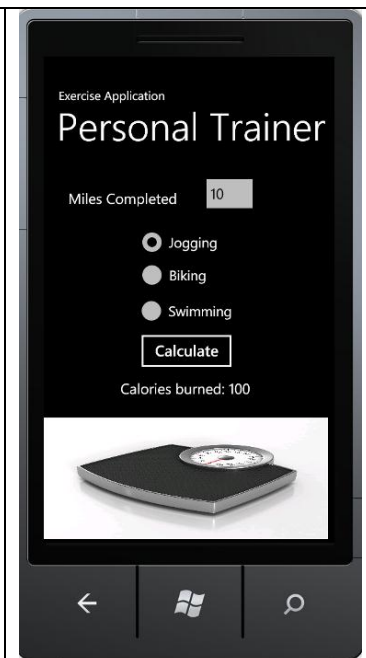
Maximum Points = 10

The purpose of this lab is to implement the Visual Basic code for a mobile app GUI for a Windows 7 phone and to introduce decision statements in VB. The GUI will consist of one picture box, a text box for the user to enter the number of miles, 3 radio buttons for identifying the type of exercise, a label to display the total calories burned and a button for calculating the result. [shown below] Follow the guidelines in the online chapter 5 [found at http://academic.cengage.com/resource_uploads/downloads/0538468475_297919.pdf].

If you are using your own computer, you need to first install:

1. Visual Basic for Windows Phone Developer Tools:
<http://www.microsoft.com/download/en/details.aspx?id=9930>
2. Windows Phone Developer Tools:
<http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=13890>

[NOTE: You may need to install the Service Pack for Visual studio 2010]



Test your program frequently and TEST WHAT YOU SUBMIT.

You can use Visual Studio to deploy your application to a Windows Phone device or to Windows Phone Emulator. If you have installed Windows Phone SDK 7.1.1 Update, you can deploy your application to a 256-MB emulator or to a 512-MB emulator. For more information, see [How to: Build and Deploy a Windows Phone Application Using Visual Studio](#).

To deploy and debug your application on a Windows Phone device, you must install the [Zune client software](#). You must also register your device using the Windows Phone Developer Registration Tool. For more information, see [Deploying and Testing on Your Windows Phone](#)

CORRECTIONS:

Pg. 61 – Radio Buttons use the “Content” property, NOT “Text”

Pg. 62 – lblResult is a TextBlock, NOT “TextBox”

Pg. 62 – use Scales.jpg instead of Exercise.jpg

(Due before 5 pm on Friday, February 8, 2013) Submit your files containing your program and design by zipping up the Project folder into a file named lab5-ws.zip where ws are your initials. Upload the file to the dropbox in CougarView.

NOTE: Documentation must include

A) Program block:

```
*****  
' PROGRAM:      program name  
' AUTHOR:       your name           (give credit for any code that is not  
yours)  
' DATE:        date of creation  
' PURPOSE:     detailed description of program  
*****
```

B) Every subroutine

```
*****  
'detailed description of the subroutine's function  
'           (give credit for any code that is not yours)  
*****
```

Grades are determined using the following scale:

- Runs correctly.....: ___/2
- Correct output.....: ___/2
- Design of output.....: ___/1.5
- Design of logic.....: ___/2
- Standards.....: ___/1.5
- Documentation.....: ___/1

[Grading Rubric](#) ([Word document](#))