

CS 1400 Lab #15: Wagon Wheel Odometer, Version 2

Objectives:

To create a program that correctly uses a Form Class and an Application Class of your design.

Study Material

You may want to go back and review the study material in labs 12 and 13.

Writing the program

Now that you have the design for an Application Class that will do the work for the Wagon Wheel Odometer application, you need to think about how to make your Form class work with an object of this Application class. You may need to review the instructions for lab #13, and take another look at the sample program provided in lab #13. Just keep in mind that your Form class must

- Create an object of the Application Class.
- Get input from the user, and send it to the application object where it will be stored in data members of the application class.
- Ask the application object to calculate and return the number of turns that the wagon wheel will go around in a mile. Then display this data in a TextBox.

File(s) to Submit:

Place your complete project folder for this assignment in a zip file and name the zip file lab_15_your-initials_V1.0.zip. For example, I would name my file lab_15_RKD_V1.0.zip. Submit this assignment as Lab #15 on Canvas. Do not submit any other files.

Grading Guidelines

Description	Points possible

Assignment meets grading guidelines: Assignment has been properly submitted to Canvas and your code meets the style guidelines.	2
Your program contains a Form class that manages the user interface, and an application class that does the work of the application. The program works correctly.	3
Total	5