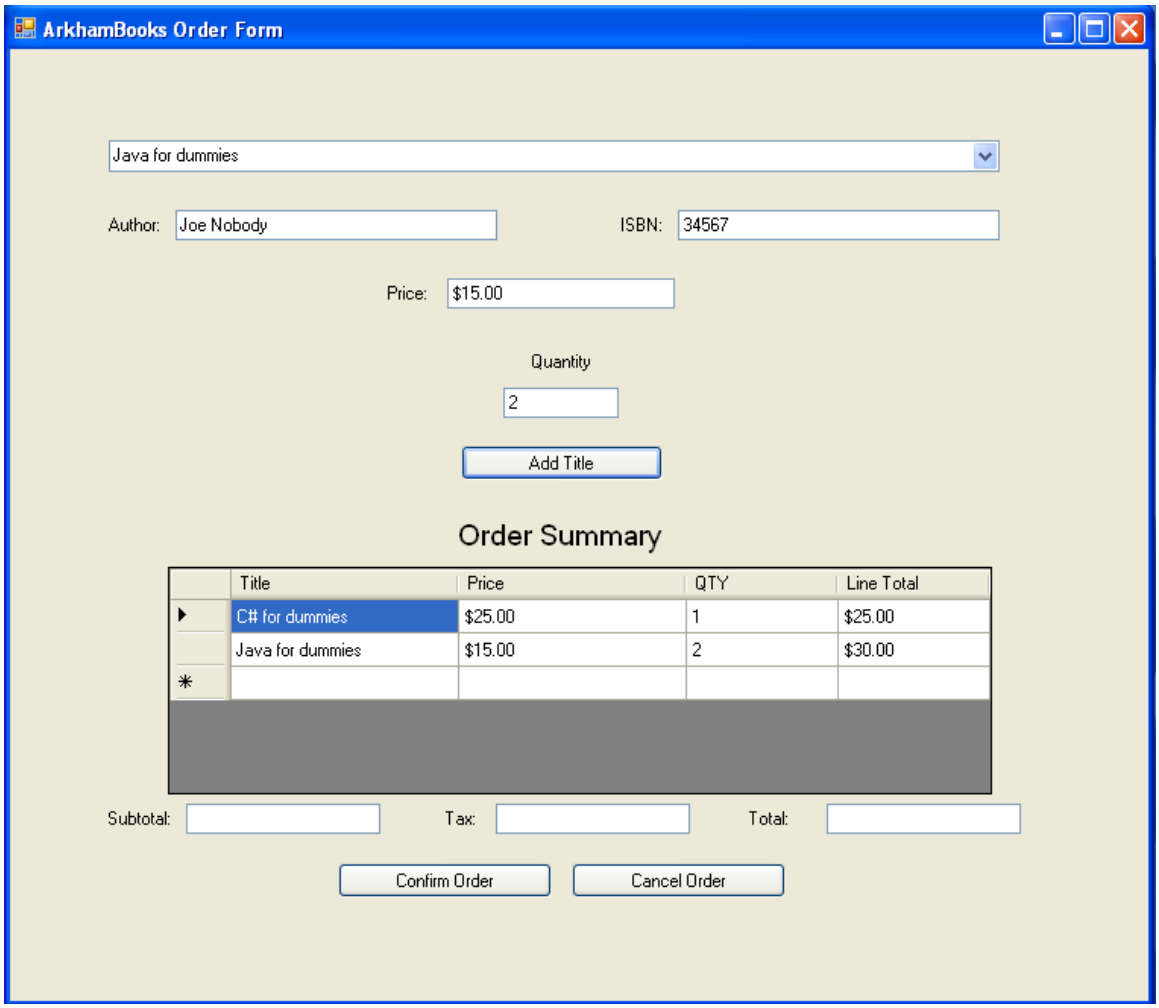
Book Store
Due Week 3



You will create a simple bookstore application.

For this project you will need a book class, which contains string variables for Author, ISBN, Price, and Title.

You will hard code in at least 3 book objects, and the titles of the books will be loaded into a combo box. When a book is selected from the combo box, the author, price, and ISBN text boxes will be filled out with the information associated with that book.

When the user types in a quantity and presses the “add title” button, an order will be added to the DataGridView.

The confirm and cancel buttons, as well as the subtotal, tax, and total text boxes will be used in later parts of the projects, but for this portion will have no functionality.

	Measurement of performance of aspect.			
Aspect	**Objectives Substantially Met 50**	**Meets Minimal Requirements 40- 30**	**Needs Improvement 20- 10**	**Failure to Meet Requirements 0**
Correctness Max Points : 50	1. Program follows the required specification. 2. Program runs and completes all required tasks. 3. Program handles special cases. 4. Executes without errors	1. Program follows the required specification. 2. Program works and completes most tasks appropriately. 3. Program fails to work for special cases 4. Executes without errors.	1. Program follows the required specification. 2. Program does not execute due to errors. 3. Incorrect results for most or all input	1. Program does not follow the required specification. OR 2. Program not attempted or work product does not meet activity requirements minimally.
User Interface Max Points : 50	1. Includes all appropriate, descriptive and user friendly input prompts 2. Output is user-friendly, and clearly describes what is expected from the user.	Input or output are mostly user friendly and some prompts/descriptions are inappropriate or missing	Lacks most or all input and output descriptions	Program not attempted or fails to accept input and/or output
Documentation Max Points : 50	1. Program contains required project commenting header with correct format and clearly describes the purpose of the project. 2. Program contains function commenting headers clearly describing the purpose of the function.	1. Any one piece of commenting information is missing 2. Self-commenting variable, method and class names are used. (Camel –casing notation is mandatory)	Comments are included but poorly described. OR If two or more pieces of information is missing.	Comments are missing. Comments are too general.

	3. Program contains comments for the statements where ever necessary 4. Self-commenting variable, method and class names are used. (Camel – casing notation is mandatory)			
Construction Max Points : 50	1. Tasks are modularized and well defined. Source code is logically laid out, using current best practices. 2. Code uses proper control structures and data types efficiently	Some tasks are modularized. Most user interface source code is isolated from implementation. OR Most of code uses proper control structures and data types.	Tasks are not modularized, interface and implementation features are intermixed. OR Improper control structures and data types utilized. Inefficient code.	Source code does not demonstrate planning or order at a minimal level. AND/OR No attempt to use proper control structures or data types.

Aspect	**Possible Score**	**Actual Score**
Correctness Score	Max Score 50	
Documentation Score	Max Score 50	
User Interface	Max Score 50	
Construction Score	Max Score 50	

BOOK STORE PART 2

- In this part of your project, you will begin to calculate the subtotal (the sum of the line totals), tax (10% of the subtotal), and total (sub total + tax).

- Additionally you will add several message boxes to your bookstore application.

    - -If the user has not selected a book when they click the add title button, a message box will ask them to add a book and focus will be set to the combo box.

- -If the user does not enter a valid number of books to order when they press add title, a message box will ask them to enter a valid number, and focus will be set to the quantity text box.

- If the user clicks confirm order without adding any books to the order, a messagebox will ask them to add a book.

- If the user clicks the cancel order button a messagebox will ask them if they are sure they want to cancel the order. If they click yes, the DataGridView will be cleared out, the tax, subtotal, and total will be set back to zero. If the user clicks no, nothing will happen.

	MEASUREMENT OF PERFORMANCE OF ASPECT			
ASPECT	OBJECTIVES SUBSTANTIALLY MET 50	MEETS MINIMAL REQUIREMENTS 40 - 30	NEEDS IMPROVEMENT 20 - 10	FAILURE TO MEET REQUIREMENTS 0
CORRECTNESS **Max Points : 50**	1. Program follows the required specification. 2. Program runs and completes all required tasks. 3. Program handles special cases. 4. Executes without errors	1. Program follows the required specification. 2. Program works and completes most tasks appropriately. 3. Program fails to work for special cases 4. Executes without errors.	1. Program follows the required specification. 2. Program does not execute due to errors. 3. Incorrect results for most or all input	1. Program does not follow the required specification. OR 2. Program not attempted or work product does not meet activity requirements minimally.
USER INTERFACE **Max Points : 50**	1. Includes all appropriate, descriptive and user friendly input prompts 2. Output is user-friendly, and clearly describes what is expected from the user.	Input or output are mostly user friendly and some prompts/descriptions are inappropriate or missing	Lacks most or all input and output descriptions	Program not attempted or fails to accept input and/or output

DOCUMENTATION **Max Points : 50**	1. Program contains required project commenting header with correct format and clearly describes the purpose of the project. 2. Program contains function commenting headers clearly describing the purpose of the function. 3. Program contains comments for the statements where ever necessary 4. Self-commenting variable, method and class names are used. (Camel –casing notation is mandatory)	1. Any one piece of commenting information is missing 2. Self-commenting variable, method and class names are used. (Camel –casing notation is mandatory)	Comments are included but poorly described. OR If two or more pieces of information is missing.	Comments are missing. Comments are too general.
CONSTRUCTION **Max Points : 50**	1. Tasks are modularized and well defined. Source code is logically laid out, using current best practices. 2. Code uses proper control structures and data types efficiently	Some tasks are modularized. Most user interface source code is isolated from implementation. OR Most of code uses proper control structures and data types.	Tasks are not modularized, interface and implementation features are intermixed. OR Improper control structures and data types utilized. Inefficient code.	Source code does not demonstrate planning or order at a minimal level. AND/OR No attempt to use proper control structures or data types.

ASPECT	POSSIBLE SCORE	ACTUAL SCORE
Correctness Score	**Max Score 50**	
Documentation Score	**Max Score 50**	
Construction Score	**Max Score 50**	
User Interface	**Max Score 50**	