|  |  |  |  |
| --- | --- | --- | --- |
| Author (person who wrote the code) | |  | |
| Reviewer (person who did the beta review) | |  | |
| Date Reviewer received the code |  | Date review was sent to the author |  |

Instructions  
The author of the beta code will send their code to a review partner before the deadline shown on Moodle. The reviewer will fill out the “Beta” column of this form, and then send this form to the author before the deadline shown on Moodle. The author will revise their code as needed, fill out the “Release” column of this form, and submit this form with the “Release” version of their lab work.

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | | **Beta** | **Release** |
| **Part 1: Chapter 5 Tutorials** | | | |
| How many of tutorials were completed? (6 possible, 5.4 – 5.9) | |  |  |
| Which ones are incomplete (if any)? |  | | |
| Are there screen shots showing each tutorial program running (with the code in Visual Studio showing in the background)? | |  |  |
| Which ones are missing the screen shots (if any)? |  | | |
|  | | | |
| **Part 2: Chapter 5 Programming Problems** | | | |
| ***4. Population – With file output*** | | | |
| Does everything from the previous version of this problem still work? (The UI contain TextBoxes for entering the: starting number of organisms, percentage daily population increase, and number of days. There is a for loop.) | |  |  |
| Is there a way for users to enter or select a file to hold the results? | |  |  |
| Are all the results written to a file correctly? | |  |  |
| Does the program build and run without errors or crashing? | |  |  |
| Does it produce the correct results?  (You can test it with the numbers shown in the textbook.) | |  |  |
| Is there a screen shot of the program running and showing results? | |  |  |
|  | | | |
| ***8. Tuition Increase*** | | | |
| Does the UI contain a ListBox to display the increase in tuition, every year for 5 years? | |  |  |
| Is an appropriate loop used (a loop with a built-in counter)? | |  |  |
| Are the following results produced? | | | |
| * Year 1 => $6,120.00 | |  |  |
| * Year 2 => $6,242.40 | |  |  |
| * Year 3 => $6,367.25 | |  |  |
| * Through Year 5 => $6,624.48 | |  |  |
| Are the results written to a file? | |  |  |
| When the file is opened and viewed, is the text correct and formatted correctly? | |  |  |
| Does the program build and run without errors or crashing? | |  |  |
| Is there a screen shot of the application running and displaying results? | |  |  |

Continued on the next page.

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| **Part 3: Chapter 6 Tutorials** | | | |
| **Criteria** | | **Beta** | **Release** |
| How many of tutorials were completed? (2 possible, 6.1 and 6.2) | |  |  |
| Which ones are incomplete (if any)? |  | | |
| Are there screen shots showing each tutorial program running (with the code in Visual Studio showing in the background)? | |  |  |
| Which ones are missing the screen shots (if any)? |  | | |

|  |  |  |
| --- | --- | --- |
| ***Programming style for all programs*** | | |
| Is proper indentation used? |  |  |
| Are the controls used in code, and the variables named descriptively? |  |  |
| Have any unnecessary event handlers been removed? |  |  |
| Are there explanatory comments in the code? |  |  |
| Do variable names use camel case? (camelCase for example) |  |  |

Comments: