Item	Possible Points	Earned Points	Notes
<ul> <li>Program design for Project</li> <li>User input is validated as specified</li> <li>Displays appropriate error messages for invalid data</li> <li>Loan amount and interest rate are decimal values</li> <li>Years is an integer value</li> <li>There is a separate method to validate each type of data (one to validate the decimal data, one to validate the integer data, and one to validate the string data)</li> <li>The monthly payment is calculated correctly</li> <li>The results are formatted correctly</li> </ul>	5	4	Your program does not validate that the user entered a y or an n for the choice to continue.
<ul> <li>Design Diagram:         <ul> <li>A correct class diagram is provided for all classes (not needed for the main program class and not required for this project)</li> <li>Design documentation reflects actual logic of code</li> <li>All methods are documented</li> <li>No diagram is larger than one page (8 ½ by 11 inches with ½ inch margins on all sides)</li> <li>If using flowcharts to diagram the logic:</li></ul></li></ul>	5	2	Your diagram for main does not show the appropriate loop.  Your diagrams for the methods do not show the loops appropriately.  See the corrected diagram for main () and for getDouble().

**Student: Hugh Brennen** 

Page 1 of 2

Item	Possible Points	Earned Points	Notes
Following course standards:	5	5	Very good comments before each
Code standards:	3	3	method!
Code standards.      Code restricted to 80 columns			metrod.
o Follows naming conventions for classes, variables,			
methods, and constants			
<ul> <li>Appropriate comment block at top of program file</li> </ul>			
(may use javadoc conventions)			
<ul> <li>Methods appropriately commented (may use</li> </ul>			
javadoc conventions)			
<ul> <li>Variables have meaningful names</li> </ul>			
o Braces align correctly			
o Control statements formatted correctly			
• All non-code files contain your name, the course code			
(CITP 190), and the project number at the top of the			
file.			
All Glasson in standard 8 1/ by 11 in all formers with at			
• All files are in standard 8 ½ by 11 inch format with at least ½ inch margins on all sides of the page.			
Proof	3	3	Okay
Includes formulas	3	3	Окау
Shows all test data			
Screen captures	2	2	Okay
Penalties:	-20		Okay
Incorrect calculations	-20		
Output is not presented as shown (including spelling)			
and spacing)			
Code does not follow the standards			
Not all test data was used			
Reflects material outside what has been covered			
through Chapter 5			
Total	20	16.0	

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Page 2 of 2