

Programming Logic - Beginning

Program Evaluation Form Name: _____

Room Calculator:

Form Objects

- (1 point) All form objects referenced in code are appropriately named
- (1 point) All form objects have the correct Text on form
- (1 point) Button access keys are appropriate
- (1 point) Label access keys are appropriate
- (1 point) Tab order is appropriate
- (1 point) Calculate button is form Accept(enter) button
- (1 point) Clear button is form Cancel(esc) button

Constants

- (1 point) Constant created where appropriate
- (1 point) Constant has appropriate name, type and value

Calculate Click Event

- (1 point) Variables have appropriate names, types and descriptions (comments)
- (1 point) All input values properly converted to variables
- (1 point) Try-Catch used to capture invalid cast
- (1 point) Error message appropriate
- (1 point) Output formatted to Currency or Number

Clear Click Event

- (1 point) All textboxes cleared
- (1 point) All output labels cleared
- (1 point) Focus set to first input field after all processing complete

Exit Click Event

- (1 point) Program exits properly

Form Load Event

- (1 point) Get today's date and display
- (1 point) Get current time and display

General Coding

- (1 point) Appropriate in-line comments included

Miles Per Gallon:

Form Objects

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Exit Click Event

- (1 point) Program exits properly

General Coding

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Stadium Seating:

Form Objects

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Constants

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Calculate Click Event

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- (1 point) All input values properly converted to variables
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- (1 point) Error message appropriate
- (1 point) Output formatted to Currency or Number
- (1 point) Focus set to Clear button after all processing complete

Clear Click Event

- (1 point) All textboxes cleared
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Exit Click Event

- (1 point) Program exits properly

General Coding

- (1 point) Appropriate in-line comments included

Test Score Average:

Form Objects

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Calculate Click Event

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- (1 point) All input values properly converted to variables
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- (1 point) Error message appropriate
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Clear Click Event

- (1 point) All textboxes cleared
- (1 point) All output labels cleared
- (1 point) Focus set to first input field after all processing complete

Exit Click Event

- (1 point) Program exits properly

General Coding

- (1 point) Appropriate in-line comments included