

Programming Logic - Beginning

Program Evaluation Form Name: _____

Arrays, Timers and More (40 points):

IPO

- (1 point) Input column identifies all input fields
- (1 point) Output column identifies all Output fields
- (1 point) Meaningful variable names
- (1 point) Variable names follows naming convention
- (1 point) Processing logic describes what has to be done

Solution Algorithm

- (1 point) Names in algorithm match input and output variables name in IPO
- (1 point) Processing logic gets the correct variables
- (1 point) Processing logic follows flow of logic from IPO
- (1 point) Processing logic correctly solves the problem
- (1 point) Processing logic displays the correct variables

Form Layout

- (1 point) Form title is appropriate
- (1 point) Appropriate ToolTips for each control on the form
- (1 point) All form objects appropriately labeled

Form Objects

- (1 point) All form objects referenced in code are appropriately named
- (1 point) Button access keys are appropriate

Calculate Click Event

- (1 point) Variables have appropriate names, types and descriptions (comments)
- (1 point) All input values properly converted to variables
- (1 point) Messages appropriate

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

- (4 point) Input validation
- (5 point) Splash Screen
- (5 point) Arrays used
- (4 point) Functions used