

Programming Logic - Beginning
152-101

Currency Converter Design Evaluation Form

Name _____

Score _____ / 15

Update Value _____

[Make all corrections and resubmit to earn update points](#)

☒ Update Recommended

IOP

- ☐ (½ point) Five inputs included
- ☐ (½ point) Inputs do not include verbs
- ☐ (½ point) Four outputs included
- ☐ (½ point) Outputs do not include verbs
- ☐ (½ point) Processing includes getting inputs
- ☐ (½ point) Each output calculated
- ☐ (½ point) Processing includes displaying outputs
- ☐ (½ point) Variable names are appropriate (camelBack)

Screen Layout

- ☐ (½ point) Screen layout includes TextBoxes for four inputs
- ☐ (½ point) Screen layout includes a date picker for research date
- ☐ (½ point) Inputs labeled properly
- ☐ (½ point) Layout includes labels for four outputs
- ☐ (½ point) Layout appearance is appropriate

TOE

- ☐ (½ point) Task list includes *getting* five inputs
- ☐ (½ point) Object names for inputs appropriate
- ☐ (½ point) Object name for research date is a date picker
- ☐ (½ point) Event for input designated as None

- ☐ (½ point) Task list includes calculating four outputs
- ☐ (½ point) Object for all calculations is calculate button
- ☐ (½ point) Event for all calculation is Click (for calculate button)

- ☐ (½ point) Task list includes clearing the form
- ☐ (½ point) Object list for clearing form includes btnClear, all input fields, all output fields
- ☐ (½ point) Clear Object/Event is Clear button Click
- ☐ (½ point) Task list includes ending program
- ☐ (½ point) End program Object/Even is Exit button Click

- ☐ (½ point) Task list includes displaying all outputs
- ☐ (½ point) Objects for outputs named appropriately (labels)
- ☐ (½ point) Events for all outputs designated as Calculate button Click

Pseudocode

btnCalculate.Click

- ☐ (½ point) Event name designated
- ☐ (½ point) All inputs first transferred to variables
- ☐ (½ point) Equation for Yen correct
- ☐ (½ point) Equation for Pounds correct
- ☐ (½ point) Equation for Euros correct
- ☐ (½ point) Equation for expiration date correct
- ☐ (½ point) Equation results transferred to labels
- ☐ (½ point) End statement included
- ☐ (½ point) Statements between event name and End indented

btnClear.Click

- ☐ (½ point) Event name designated
- ☐ (½ point) TextBoxes cleared (inputs)
- ☐ (½ point) DatePicker reset to today's date
- ☐ (½ point) Four output labels cleared
- ☐ (½ point) End statement included
- ☐ (½ point) Statements between event name and End indented

btnExit.Click

- ☐ (½ point) Event name designated
- ☐ (½ point) Command to close form included
- ☐ (½ point) End statement included
- ☐ (½ point) Statements between event name and End indented

Flowchart Update to reflect changes to pseudocode

- ☐ (½ point) Flowchart logic matches pseudocode logic, line for line
- ☐ (½ point) Correct terminal symbols used
- ☐ (½ point) Correct symbols used when transferring inputs to variables
- ☐ (½ point) Correct symbols used for calculations
- ☐ (½ point) Correct symbols used for transferring outputs to labels
- ☐ (½ point) Correct symbols used for clearing objects
- ☐ (½ point) Correct symbol used for closing form

Test Plan

- ☐ (½ point) Test plan includes five sets of sample inputs
- ☐ (½ point) Anticipated equations provided for each set of sample data
- ☐ (½ point) Anticipated results provided for each set of sample data
- ☐ (½ point) Test included to test month/year boundary
- ☐ (½ point) One input that causes error included
- ☐ (½ point) Sample data varied enough to test program