

Beginning RPG

Program Design Evaluation Form - Name: _____

Chapter 2 Exercise 1 – 5 (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) Algorithm named using verb object
- (1 point) Algorithm name follows naming convention
- (1 point) Algorithm is indented
- (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
- (1 point) Algorithm ends

Desk Check

- (1 point) Two sets of test data
- (1 point) Correct expected results
- (1 point) Relevant variable names from algorithm are included in table
- (1 point) Correct statement numbers match algorithm
- (1 point) Two correct passes thru the algorithm

Miscellaneous

- (1 point) IPO, Algorithm and Desk Check typed

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Printer Spacing Chart

- (1 point) Standard Heading Line one is followed
- (1 point) Standard Heading Line two is followed
- (1 point) Column Headings are centered over report fields
- (1 point) Correct line spacing between Headings, Column Headings and Detail
- (1 point) Correct line spacing between Detail Lines
- (1 point) Numeric Edited fields shown for numeric data
- (1 point) Zero Suppression shown

Program Compile

- (1 point) Standard Heading Documentation (Name, Date, Description)
- (1 point) Comment lines to divide each type of Specification Form
- (1point) Comments used to explain mainline
- (1 point) All fields have meaningful names
- (1 point) Program variable coded according to naming standards
- (1 point) Program follows design
- (1 point) Severity Codes = 00

Output/Testing

- (1 point) Standard Heading Line1 (Program Name, Title, Page)
- (1 point) Standard Heading Line2(Date, Last Name)
- (1point) Line Spacing Correct
- (1 point) Output results Correct
- (1 point) Numeric fields edited correctly
- (1 point) Zero suppression correct