

# Intermediate RPG

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*Program Design Evaluation Form - Name: \_\_\_\_\_*

## **Chapter 10 Program Assignment 1 page 275 (50 points)**

### **IPO**

- (1 point) Input column identifies all input fields
- (1 point) Output column identifies all Output fields
- (1 point) Processing logic describes what has to be done

### **Hierarchy Chart**

- (4 point) Hierarchy chart follows IPO

### **Solution Algorithm**

- (6 point) Algorithm developed for each module in Hierarchy Chart

### **Desk Check**

- (1 point) Two records using GTCSTPOLD & GTPAYP
- (1 point) Correct expected results
- (1 point) IPO, Hierarchy Chart, Algorithm and Desk Check typed

### **Program (R10P1xxx)**

- (1 point) Standard Heading Documentation (Name, Date, Description)
- (1 point) Comment lines to divide each type of Specification Form
- (1 point) Comments used to explain mainline
- (1 point) Program variables coded according to naming standards
- (1 point) RPG reserved words coded according to naming standards
- (1 point) Fields defined
- (1 point) Check for overflow
- (1 point) Correct rounding
- (1 point) Program uses subroutines
- (1 point) \*INLR turned on/Return
- (1 point) Program follows design
- (1 point) Severity Codes = 00

### **Output/Testing(Print out report)**

- (1 point) Standard Heading Line1 (Program Name, Title, Page)
- (1 point) Standard Heading Line2(Date, Last Name)
- (1 point) Heading/column Line Spacing Correct
- (1 point) Detail line spacing correct
- (1 point) Page break correct
- (2 point) Customer Phone number edited
- (2 point) Correct Amount owed
- (2 point) Correct Date of Last Payment
- (2 point) Customer record updated
- (2 point) Updated records match expected results from desk check
- (2 point) Error notation for customers not found
- (2 point) Correct total
- (2 point) Correct number of customer not in master file
- (1 point) Total line spacing correct