

ERW II – Advanced Enterprise Report Writing

Contents

ERW II – Advanced Enterprise Report Writing	1
Contents	1
Business View Design.....	7
Introduction.....	7
Table Joins.....	7
Table Union.....	7
Select Distinct	8
Indices.....	8
Steps to Create a Business View	8
Steps to Create a Joined Business View.....	10
Print the Details of a Business View	12
Directed Exercise: Creating a Joined Business View	13
Learning Objective	13
Steps to Complete the Exercise	13
Business View V554102A.....	13
V554102A Sample.....	14
Event Rule Variables	15
Introduction.....	15
Steps to Create an Event Rule Variable.....	15
Processing Option Design	21
Introduction.....	21
Steps to Create a Processing Option Template	21
Directed Exercise: Create a Processing Option Template.....	25
Learning Objective	25
Steps to Complete the Exercise	25
Processing Option Template T5503B001: Date Range	25
Table I/O Operations.....	29
Introduction.....	29
Available Basic Operations.....	29
Available Advanced Operations.....	29
Steps to Set Up a Fetch Single Table I/O:.....	29
Directed Exercise: Setting Up a Fetch Single Table I/O Operation	33
Learning Objective	33

Steps to Complete the Exercise	33
Report R5503B001: Open Accounts Receivable Listing	33
Create Level Break Header Section.....	34
Create Level Break Footer Section:	35
Set Up Table Fetch Single Operation	35
Additional Steps to Perform “Right Trim” and “Concatenate” Functions:.....	37
Directed Exercise: Setting Up a Select/Fetch Next Operation	41
Learning Objective	41
Steps to Complete the Exercise.....	41
Printing Text Attachments (Media Objects).....	47
Introduction	47
Steps to Perform a Media Object Text Attachment.....	47
Directed Exercise: Create a New Report That Includes Print Media Object Text Attachments.....	51
Learning Objective	51
Steps to Complete the Exercise.....	51
Report R550411A: Supplier Ledger Inquiry	51
Create Level Break Header Section.....	54
Create Level Break Footer Section	55
Set Up the Media Object Text Attachment.....	55
Attach the Processing Option Template	56
Write the Event Rules Required in Order to Make the Processing Option Template Functional	57
Working with a Conditional Section.....	63
Introduction	63
Steps to Create a Conditional Section	63
Steps to Call a Conditional Section.....	64
Directed Exercise: Working with a Conditional Section.....	65
Learning Objective	65
Steps to Complete the Exercise.....	65
Report R5583001A: Conventional Trial Balance	65
Create a Conditional Section	70
Write the Event Rules and Call the Conditional Section	71
Use the Set Currency Decimals Business Function	73
Create a Section for Grand Totaling	74
Set Up a Date Title Business Function on the Page Header	75
Table Design	79

Introduction.....	79
Steps to Create a Table.....	79
Steps to Generate the Table.....	81
Steps to Print the Details of a Table	82
Directed Exercise: Create a Custom Table for Use as a Temp Workfile	83
Learning Objective.....	83
Steps to Complete the Exercise	83
Report R550101A: Customer Listing by Industry Classification.....	83
Create a Custom Table for Use As a Temporary Workfile	84
Set Up BSFN: Get UDC Description	88
Perform Table I/O Insert Record.....	90
Create Level Break Header Section	91
Perform Table I/O Delete Record	92
Report Interconnect.....	95
Introduction.....	95
Steps to Create a Report Interconnect	95
Directed Exercise: Setting Up a Report Interconnect	99
Learning Objective.....	99
Steps to Complete the Exercise	99
Report R554102A: Monthly Inventory Detail by Planner.....	99
Set Up Table I/O Fetch Single Operation	101
Business Objective	103
Create a Business View.....	104
Create a Report Interconnect	104
Smart Field Design	111
Introduction.....	111
Steps to Create a Smart Field	111
Create the Data Dictionary Item for use as a prompt	112
Defining the Data Structure	113
Steps to Create Named Event Rules.....	116
Steps to Create a Data Dictionary Smart Field Item.....	120