

Defining Z Cells in a Report Painter Report



Applies to:

SAP R/3 4.7E, ECC 5 and ECC 6.0. For more information, visit the [Enterprise Resource Planning homepage](#).

Summary

This article explains you to create Z cells in a Report using Report painter tool. This is useful to all industries where the Z Reports are created using Report painter tool.

Author: Radhika Balaji

Company: Intelligroup Asia Pvt Ltd.

Created on: 23rd March 2011

Author Bio



Radhika Balaji is currently working with Intelligroup Asia Pvt Ltd as SAP FICO Consultant and is certified in SAP FI ECC implementation. She has expertise in Financial Accounting-General Ledger, ARAP, Asset Accounting, Special Purpose Ledger and Report Painter tools.

Table of Contents

Introduction:	3
Create a Report Using Report Painter:.....	3
Define Row:.....	3
Define First Column:	4
Define Second Column:	4
Enter General Data Parameters:	5
Define Z Cells:	6
Create a New Section with Calculated Key figures:	6
Output:.....	11
Related Content.....	12
Disclaimer and Liability Notice.....	13

Introduction:

Cells are used to perform mathematical operations within a report. A cell pinpoints a particular location or range within the column-row matrix of a report. Once you have selected a cell in the report, it can use to create formulae. Report painter cells are used much like the cell address or range in a spreadsheet program. Selected cells will be denoted by a Tick mark (✓) and will be called as Z cells. We can then use this Z cells to create formulae. This concept of creating Z cells will be useful to have different values (formulae) in a single column or in a single row.

The scenario explains you to create “Z cells” in a user defined report using report painter tool. This article explains you to create different formulae in a single column using Z cells.

Create a Report Using Report Painter:

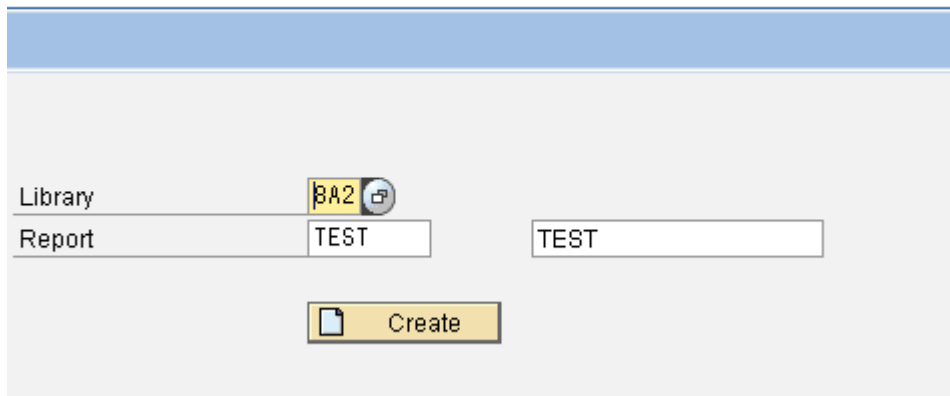
T Code: GRR1

Enter the Library: 8A2 (E.g.)

Enter the Report Name: TEST (E.g.)

Enter the Report Text: TEST (E.g.)

Report Painter: Create Report

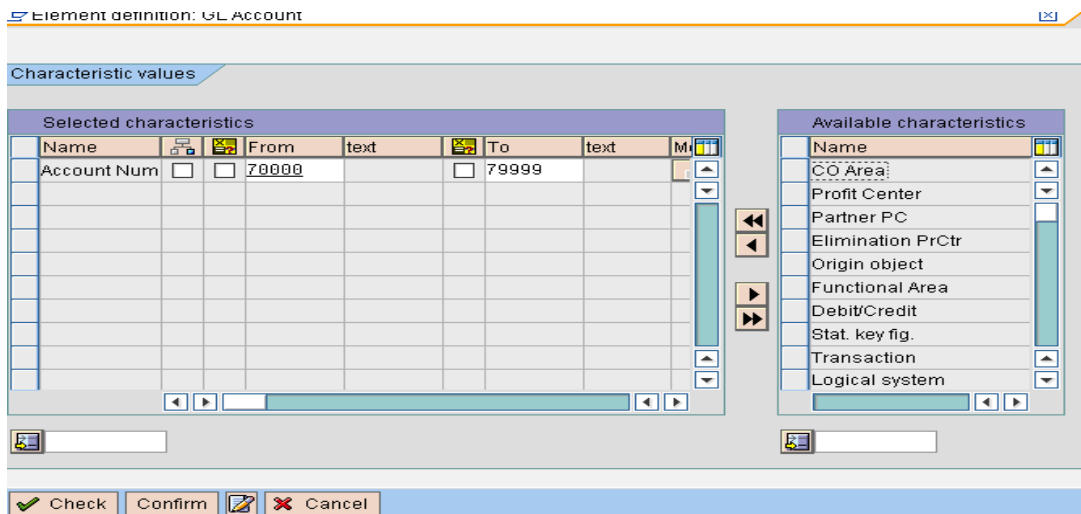


Define Row:

Double click on the row element

Select Account Number from the available characteristics

Enter the From Account Number and To Account Number



Check and Confirm.

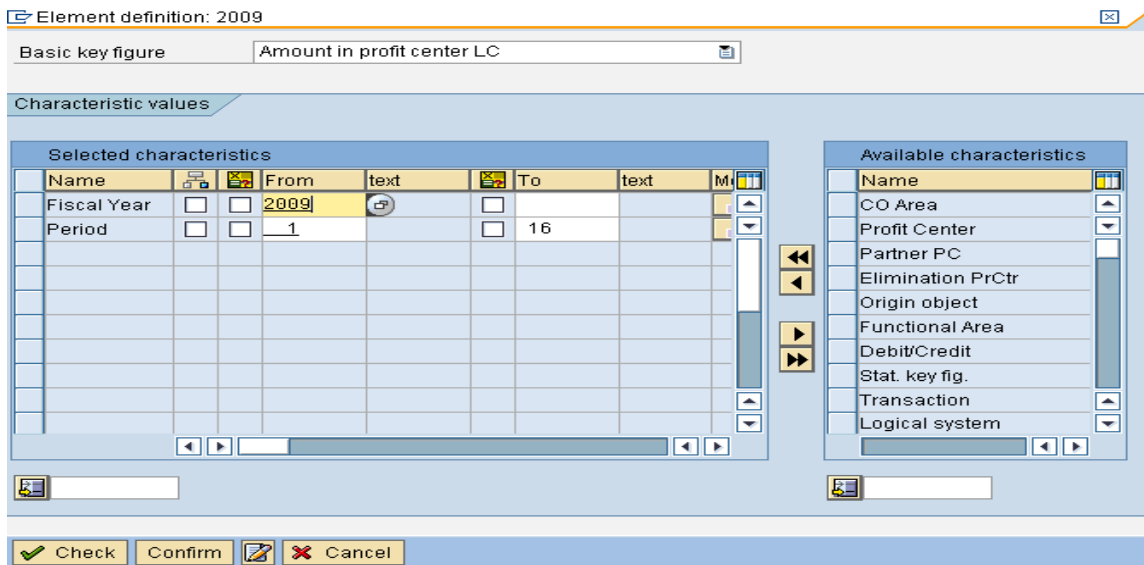
Define First Column:

Double click on the column element

Select Fiscal year and Period from the available characteristics

Enter 2009 (E.g.) for fiscal year

Enter From value and to value for Period.



Check and confirm.

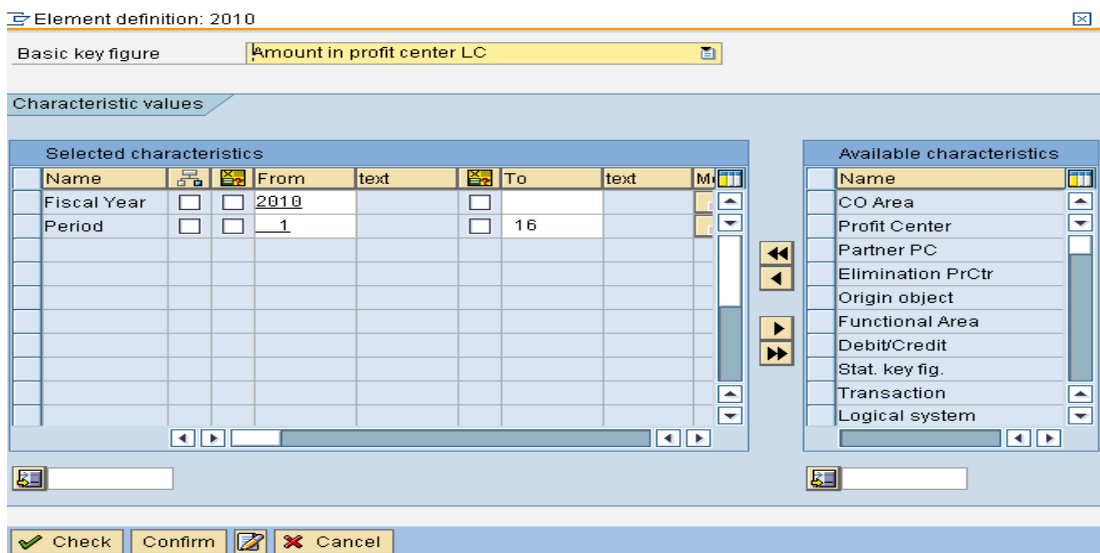
Define Second Column:

Double click on the column element

Select Fiscal year and Period from the available characteristics

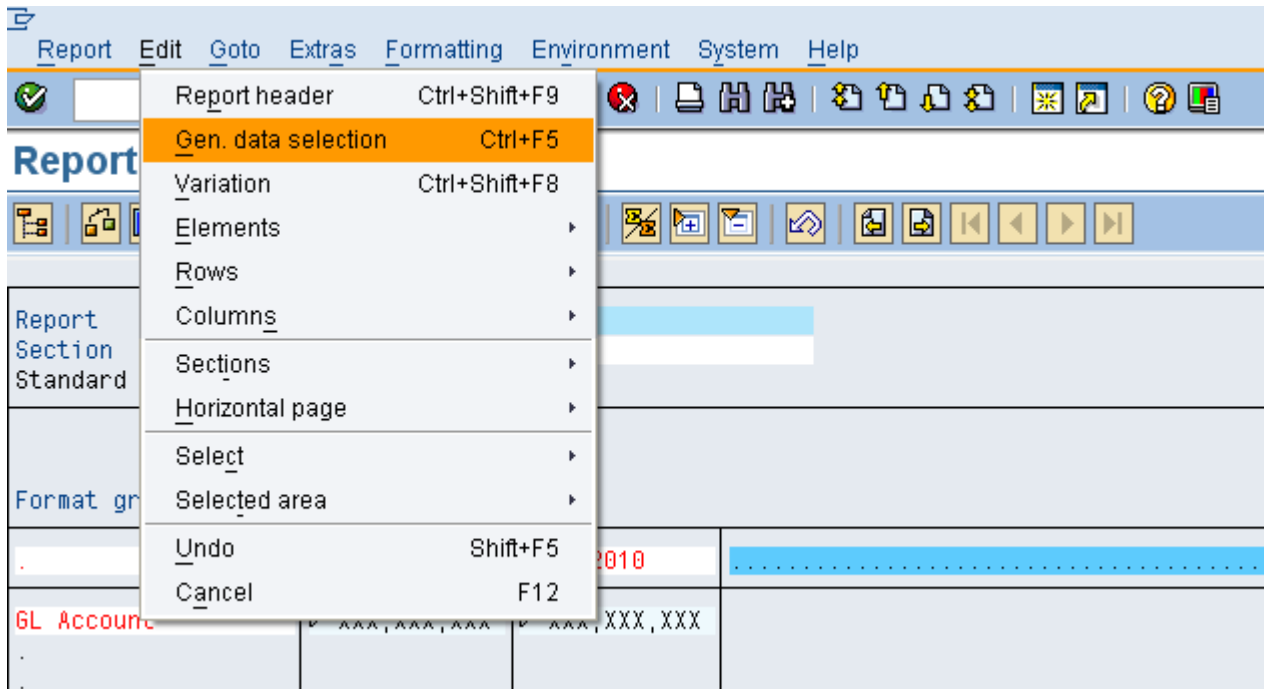
Enter 2010 (E.g.) for fiscal year

Enter From value and to value for Period.



Enter General Data Parameters:

Select General Data Parameters from Edit Menu

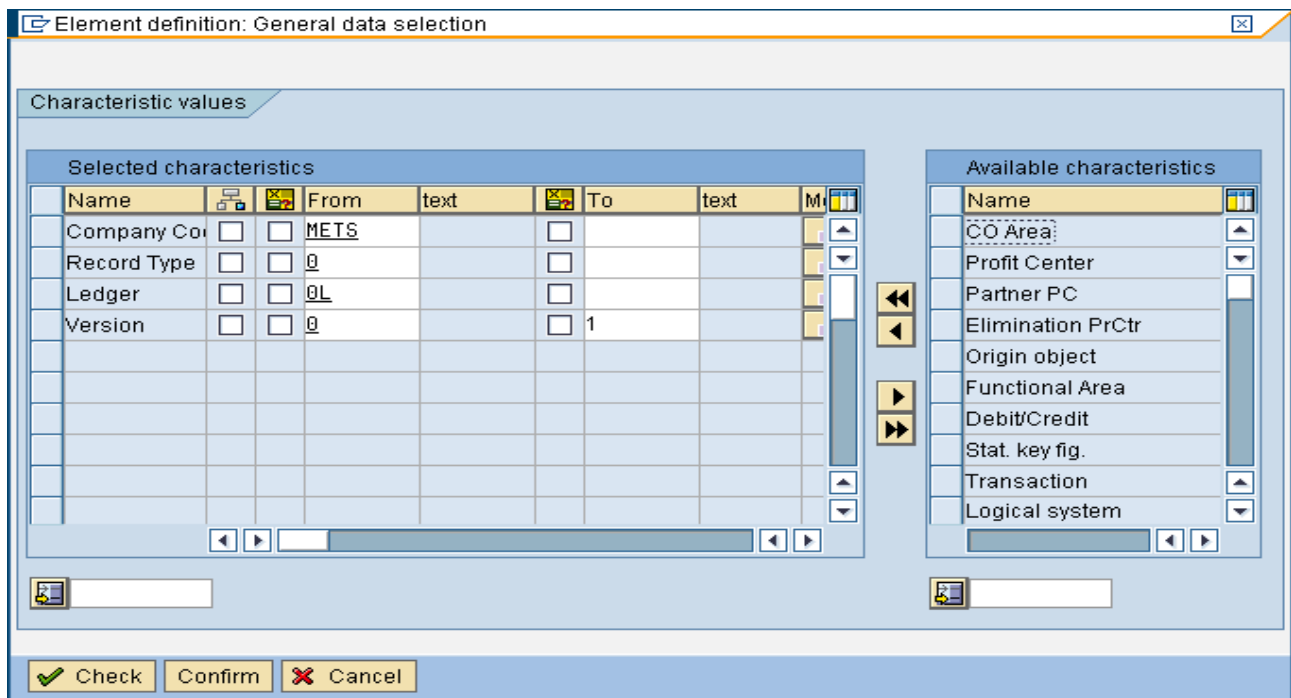


Select Ledger, Company code, Version and Record type from the available characteristics.

Enter Ledger as 0L (E.g.)

Enter Company Code as METS (E.g.)

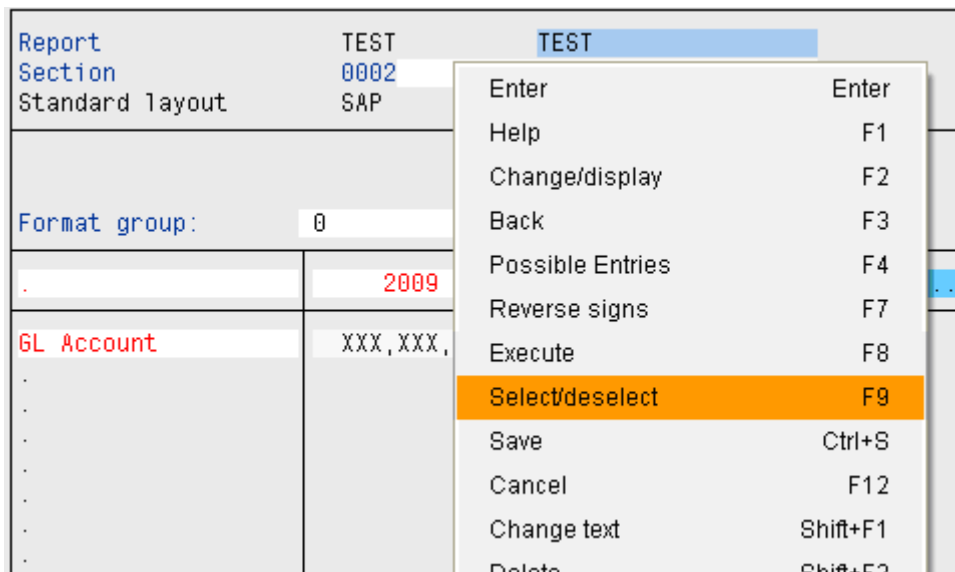
Enter Version and Record type



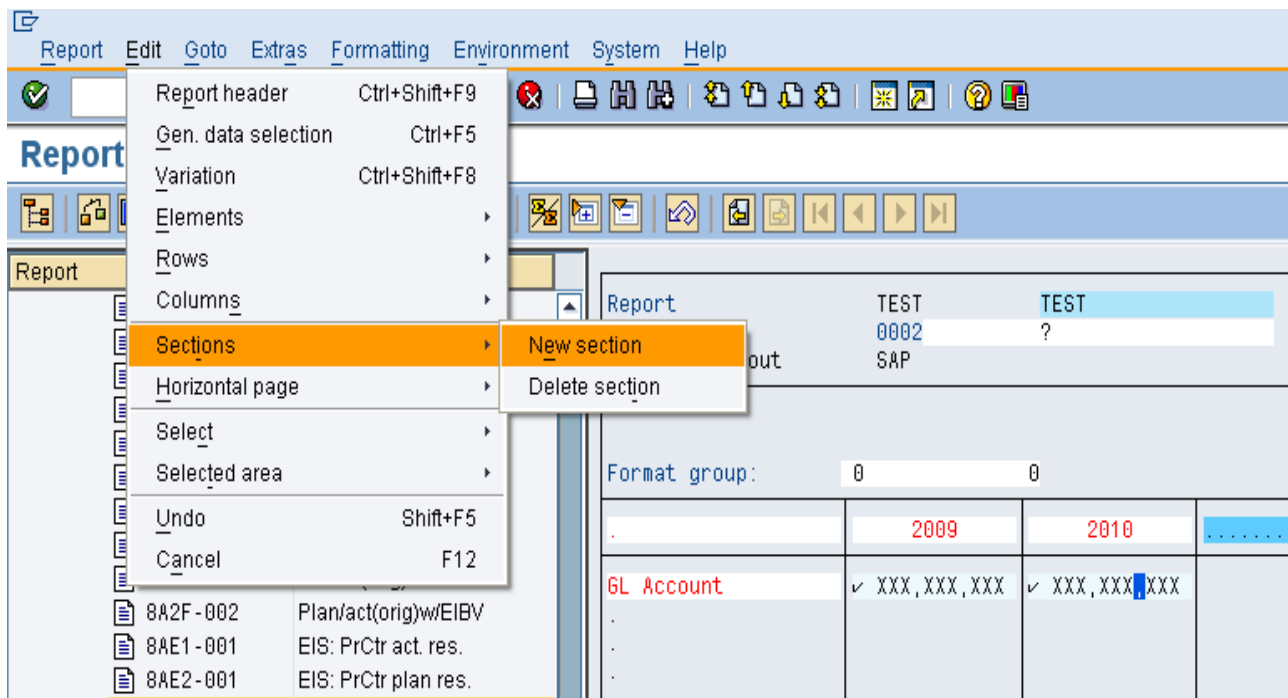
Define Z Cells:

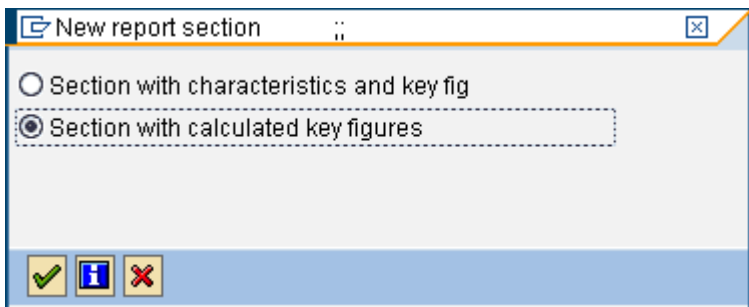
Select the cells in the column (Eg: 2009 and 2010) for which you want to create Z Cells.

To select a cell double click on the cell or right click on the cell and then select SELECT/DESELECT from the list.



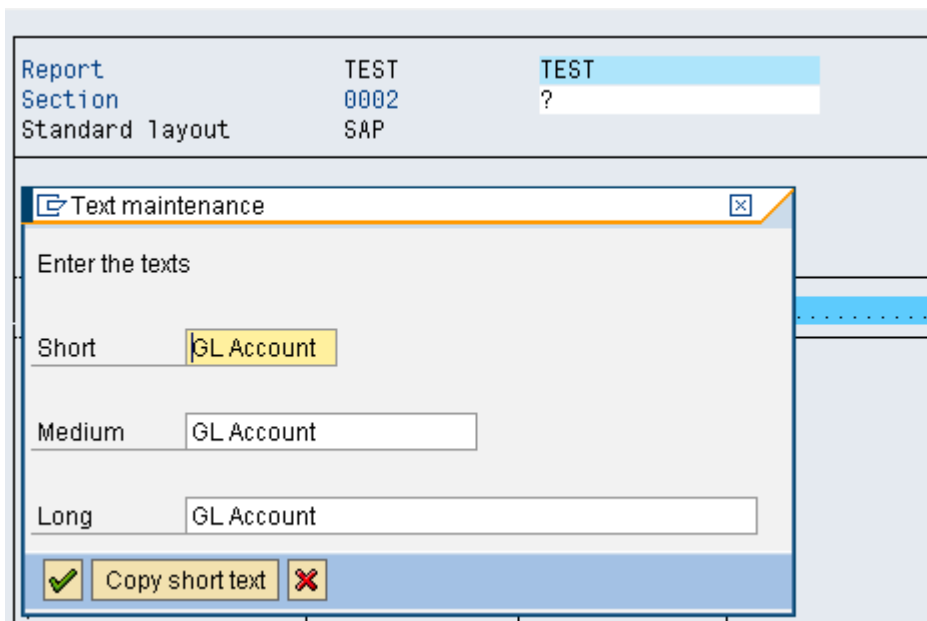
Create a New Section with Calculated Key figures:





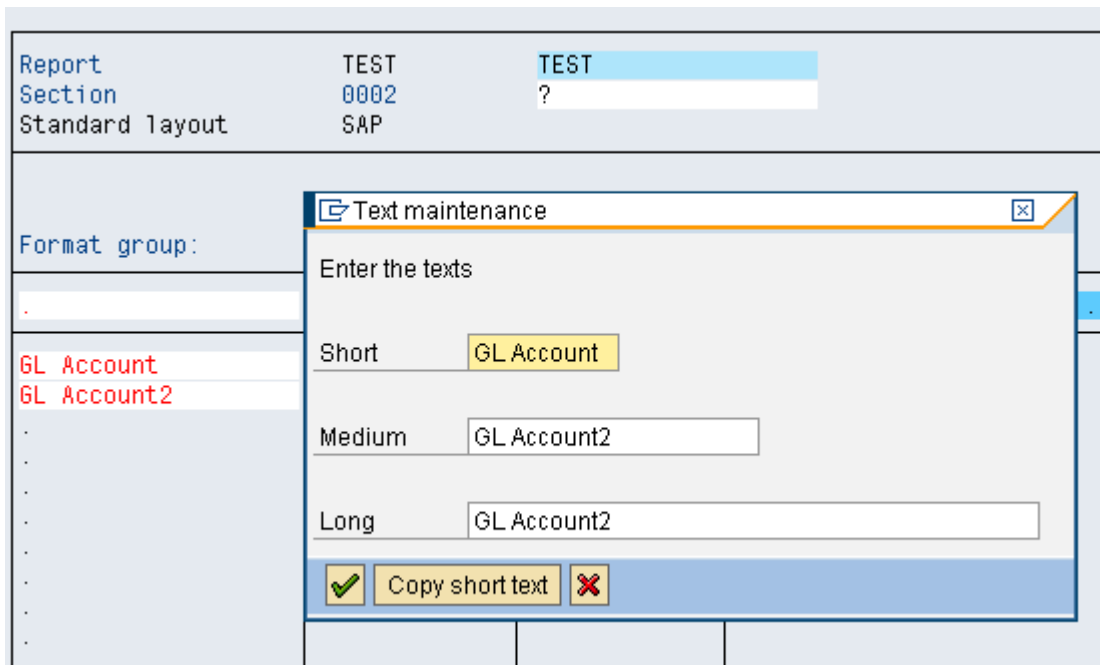
Enter the First row Text:

Double click on the row element and enter the text



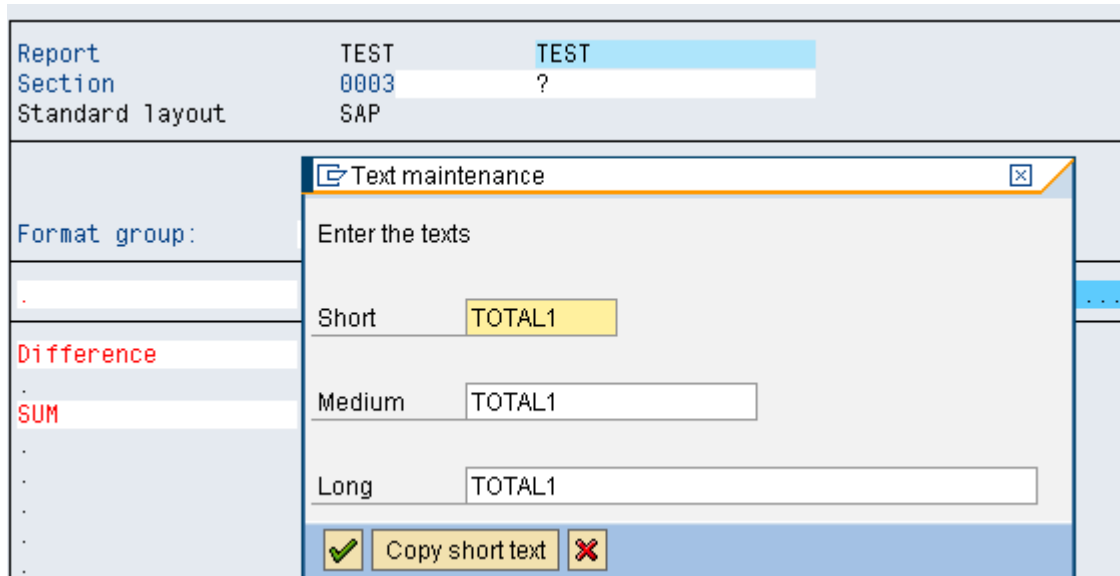
Enter the Second row Text:

Double click on the row element and enter the text



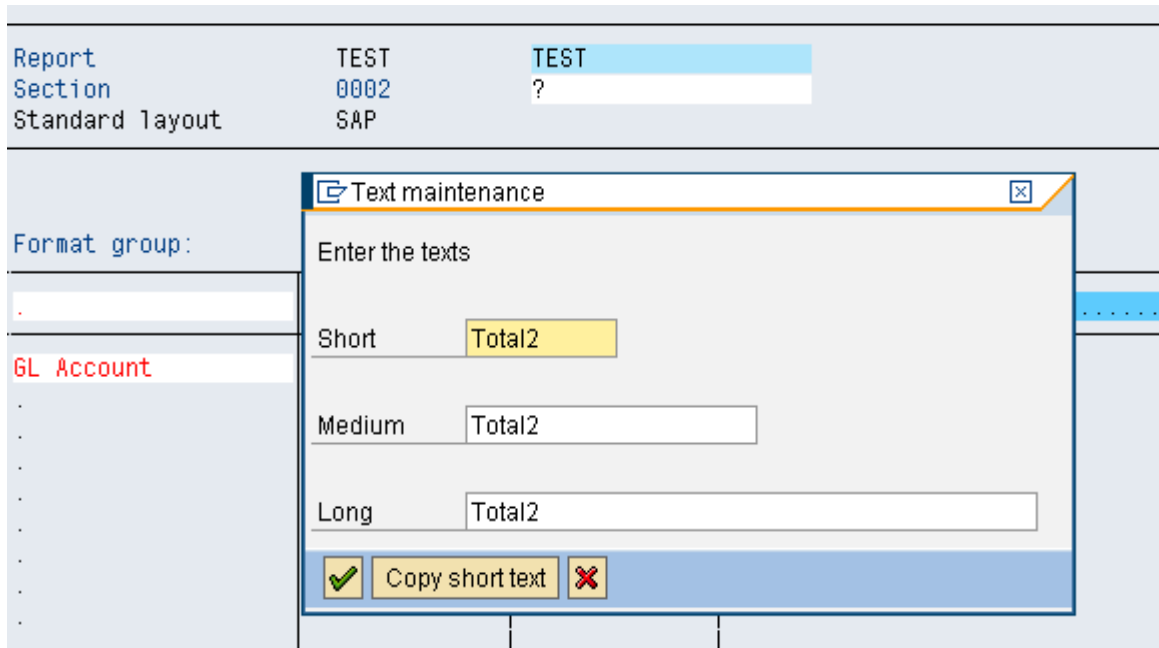
Enter the First Column Text:

Double click on the column element and enter the text



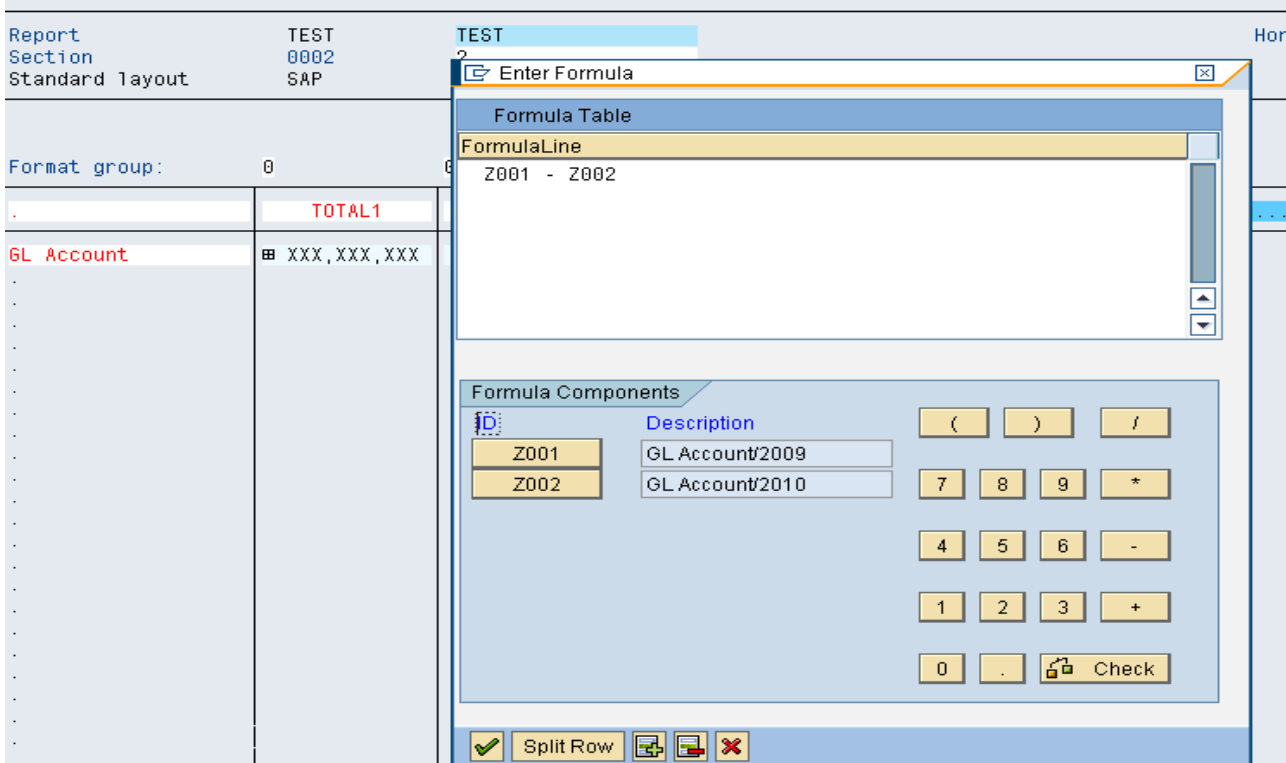
Enter the Second Column Text:

Double click on the column element and enter the text

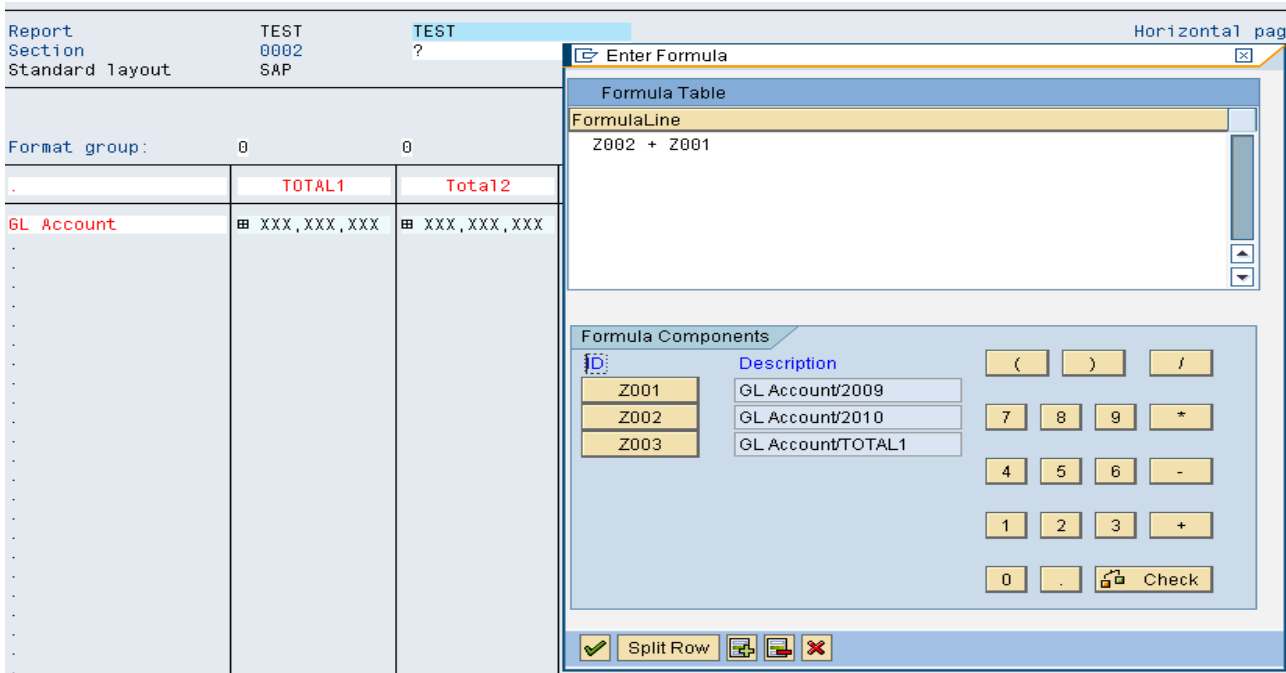


Define the cell intersecting TOTAL1 and GL ACCOUNT as “column 2009 – column 2010”

Double click on the cell intersecting TOTAL1 and GL ACCOUNT and enter the formula



Define the cell intersecting TOTAL2 and GL ACCOUNT as “column 2009 + column 2010”
 Double click on the cell intersecting TOTAL1 and GL ACCOUNT and enter the formula



Define the cell intersecting TOTAL1 and GL ACCOUNT2 as "column 2009"

The screenshot shows the SAP Report Painter interface. At the top, the report details are: Report Section: TEST 0002, Standard layout: SAP. The 'Enter Formula' dialog box is open, showing a 'Formula Table' with one entry: Z001. Below this is the 'Formula Components' section, which contains a list of components:

ID	Description
Z001	GL Account/2009
Z002	GL Account/2010
Z003	GL Account/TOTAL1
Z004	GL Account/Total2
Z006	GL Account/Total2

The background report table has the following structure:

Format group:	0
.	TOTAL1
GL Account	XXX,XXX,XXX
GL Account2	XXX,XXX,XXX

Define the cell intersecting TOTAL1 and GL ACCOUNT2 as "column 2010"

The screenshot shows the SAP Report Painter interface. At the top, the report details are: Report Section: TEST 0002, Standard layout: SAP. The 'Enter Formula' dialog box is open, showing a 'Formula Table' with one entry: Z002. Below this is the 'Formula Components' section, which contains a list of components:

ID	Description
Z001	GL Account/2009
Z002	GL Account/2010
Z003	GL Account/TOTAL1
Z004	GL Account/Total2
Z005	GL Account/TOTAL1

The background report table has the following structure:

Format group:	0	0
.	TOTAL1	Total2
GL Account	XXX,XXX,XXX	XXX,XXX,XXX
GL Account2	XXX,XXX,XXX	XXX,XXX,XXX

Output:

First section will display GL Account values for the year 2009 and 2010

TEST

Lead column	2009	2010
* GL Account	1,865,548,928-	126,713-

Second Section will display different values in the same column.

$1,865,548,928 - 126713 = 1865422215$

$1,865,548,928 + 126713 = 1865675641$

.	TOTAL1	Tota12
GL Account	1,865,422,215-	1,865,675,641-
GL Account2	1,865,548,928-	126,713-

2009 Value i.e. 1,865,548,928

2010 value i.e. 126713

The concept of Z cells is useful in creating various reports such as Income statements, Cash Flow Statement Reports etc. This is also useful in reports where different calculations are involved.

Related Content

[Report Painter](#)

[Report Painter - Use](#)

<http://sapdocs.info/wp-content/uploads/2008/11/report-painter.pdf>

For more information, visit the [Enterprise Resource Planning homepage](#).

Disclaimer and Liability Notice

This document may discuss sample coding or other information that does not include SAP official interfaces and therefore is not supported by SAP. Changes made based on this information are not supported and can be overwritten during an upgrade.

SAP will not be held liable for any damages caused by using or misusing the information, code or methods suggested in this document, and anyone using these methods does so at his/her own risk.

SAP offers no guarantees and assumes no responsibility or liability of any type with respect to the content of this technical article or code sample, including any liability resulting from incompatibility between the content within this document and the materials and services offered by SAP. You agree that you will not hold, or seek to hold, SAP responsible or liable with respect to the content of this document.