SAP Report Painter

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INTRODUCTION

Report painter is the main tool for defining reports in the information system in controlling module.

All of the controlling reports (Cost center accounting, internal orders and profit center accounting) are created using report painter. You can also create reports in FI.

With Report Painter you can define reports quickly and easily across rows and columns.

You can use standard reports delivered by SAP as a base, copy them and do minor modifications, so as to suit your requirement.

Very often it is felt that the standard reports delivered by SAP do not meet the user's requirement. Therefore you need to create new reports.

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Scenario:

A Ltd. is allocating cost using distribution cycle for allocating cost between cost centers. If you recollect from what we learnt in the Cost center accounting configuration book distribution is a method of allocation which uses the original cost element for allocation between cost center.

The canteen cost center (1000) incurs various cost which are shown below under debit. This cost is allocated to the Admin cost center (1001) 40%, Engineering cost center (1002) 60%.

Canteen cost center 1000

Debit	$	Credit	$
450001 Salaries & Wages	100,000	450001 Salaries & Wages	100,000
460100 Groceries	400,000	460100 Groceries	400,000
	500,000		500,000

Engineering cost center incurs costs on Salaries and wages 200,000, spare parts etc (300,000). Further it receives cost from allocation from the Canteen cost center (60% broken down into Salaries & Wages 60,000 Groceries 240,000

Engineering cost center 1002

Debit	$	Credit	$
450001 Salaries & Wages (200,000 +60,000)	260,000		
460100 Groceries	240,000		
470100 Spare parts	300,000		
	800,000		

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If you see above in the engineering cost center (which is the receiver cost center) the salaries costs have got merged 260,000 (Cost incurred by it 200,000 which is a primary cost and cost received from the engineering cost center 60,000 which is a secondary cost center)

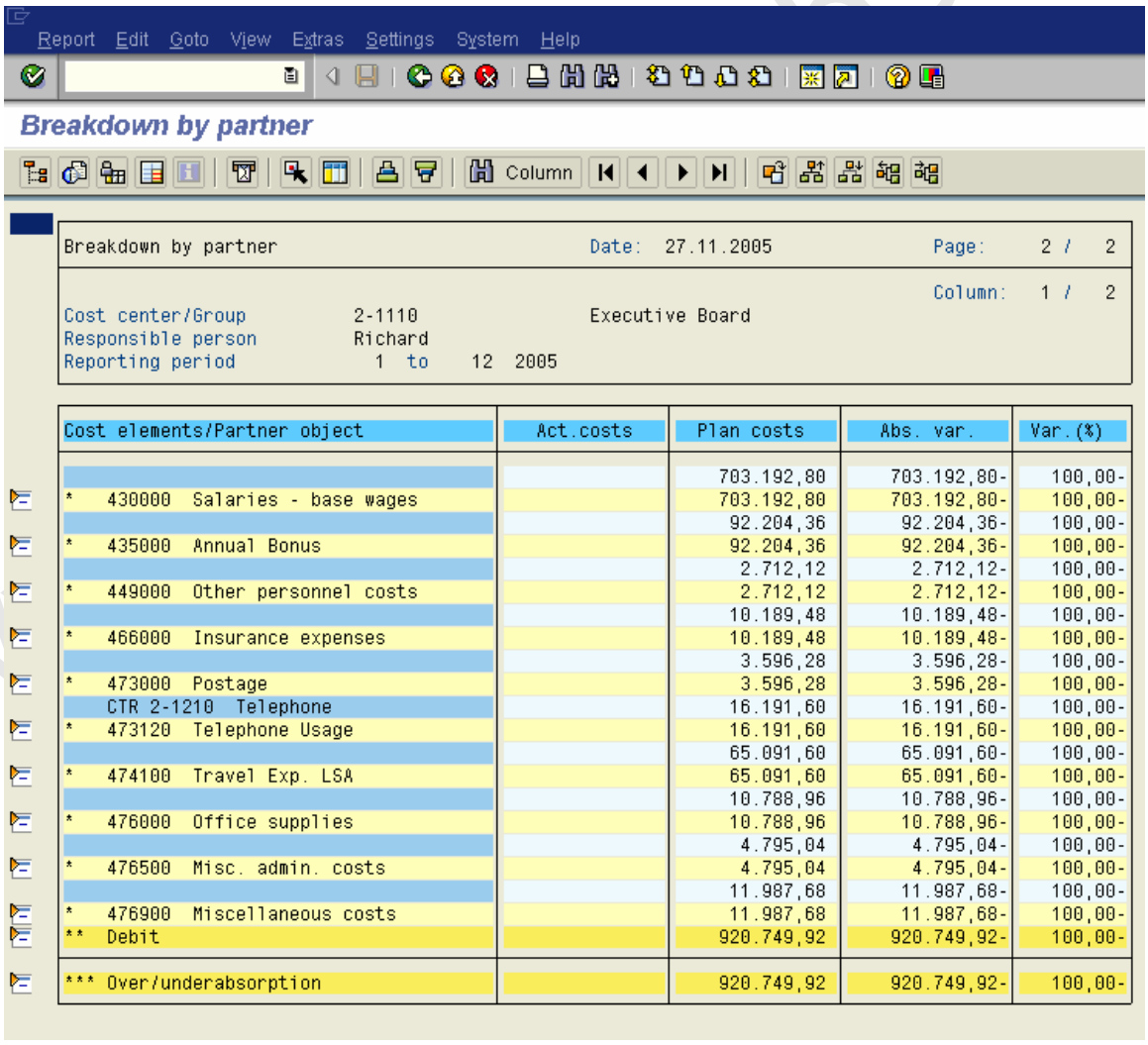
You are not able to see the above break up.

In SAP, a standard report is available which tries to give a break up.

The name of the transaction code is:-

S_ALR_87013615 - Cost Centers: Breakdown by Partner

The output of the report looks like this:-



Breakdown by partner Date: 27.11.2005 Page: 2 / 2

Column: 1 / 2

Cost center/Group 2-1110 Executive Board
Responsible person Richard
Reporting period 1 to 12 2005

Cost elements/Partner object	Act.costs	Plan costs	Abs. var.	Var.(%)
		703.192,80	703.192,80-	100,00-
* 430000 Salaries - base wages		703.192,80	703.192,80-	100,00-
		92.204,36	92.204,36-	100,00-
* 435000 Annual Bonus		92.204,36	92.204,36-	100,00-
		2.712,12	2.712,12-	100,00-
* 449000 Other personnel costs		2.712,12	2.712,12-	100,00-
		10.189,48	10.189,48-	100,00-
* 466000 Insurance expenses		10.189,48	10.189,48-	100,00-
		3.596,28	3.596,28-	100,00-
* 473000 Postage		3.596,28	3.596,28-	100,00-
CTR 2-1210 Telephone		16.191,60	16.191,60-	100,00-
* 473120 Telephone Usage		16.191,60	16.191,60-	100,00-
		65.091,60	65.091,60-	100,00-
* 474100 Travel Exp. LSA		65.091,60	65.091,60-	100,00-
		10.788,96	10.788,96-	100,00-
* 476000 Office supplies		10.788,96	10.788,96-	100,00-
		4.795,04	4.795,04-	100,00-
* 476500 Misc. admin. costs		4.795,04	4.795,04-	100,00-
		11.987,68	11.987,68-	100,00-
* 476900 Miscellaneous costs		11.987,68	11.987,68-	100,00-
** Debit		920.749,92	920.749,92-	100,00-
*** Over/underabsorption		920.749,92	920.749,92-	100,00-

The above report shows cost on the receiver cost center.

It shows its own cost and cost center received from other cost center.

If you notice all the cost elements are just showing blank blue lines. Whereas under Telephone you find CTR 2-1210 which is the sending cost center.

If you notice the report is very difficult to distinguish the primary and secondary costs.

The user wants to see them in columnar form primary and secondary costs.

Therefore we develop a new report for the user.

We will see how to go about creating the new report

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1. Libraries

Libraries is a base (or transfer structure) for Report Painter. In a Library you use a report table, which is defaulted by SAP and cannot be maintained. The Library provides a logical view of various database tables and includes all characteristics, key figures, and predefined columns.

In Cost Center Accounting, table **CCSS** is used as the transfer structure.

In a library, you collect the characteristics, key figures, and predefined columns from the report table, which you need for your Report Painter reports. The table name is stored in the header of each library.

The fields from these libraries are used in creation of a report.

The Path to display a Library is as follows :-

SAP Standard Menu → Accounting → Controlling → Cost Center Accounting → Information system → Tools → Report Painter → Report Writer → Library → GR23 - Display

or

SAP standard menu → Information Systems → Ad Hoc Reports → Report Painter → Report Writer → Library → GR23 – Display

Let us see the Library 1VK which we are going to use for creating a report:-

Update the following:-

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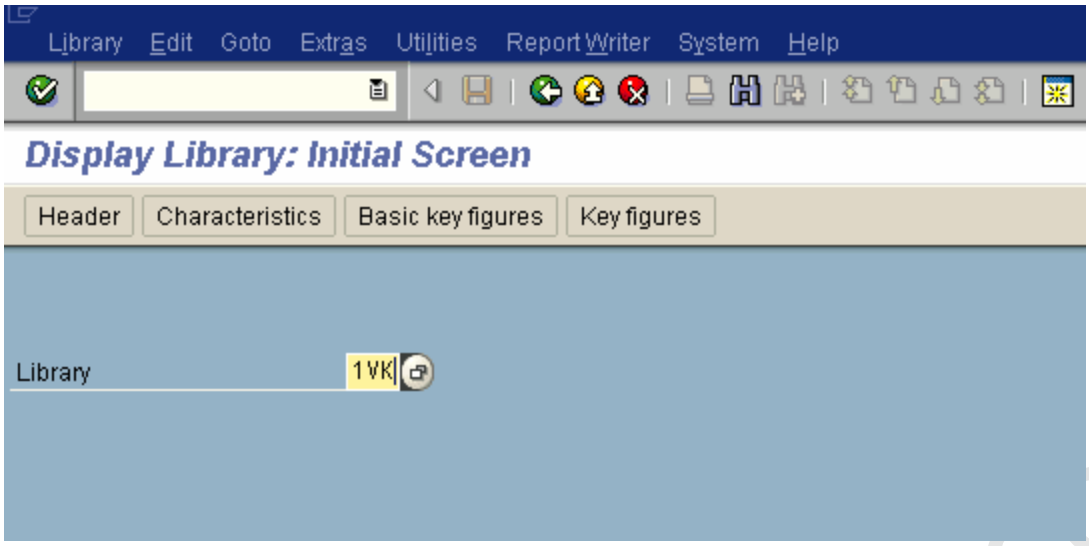
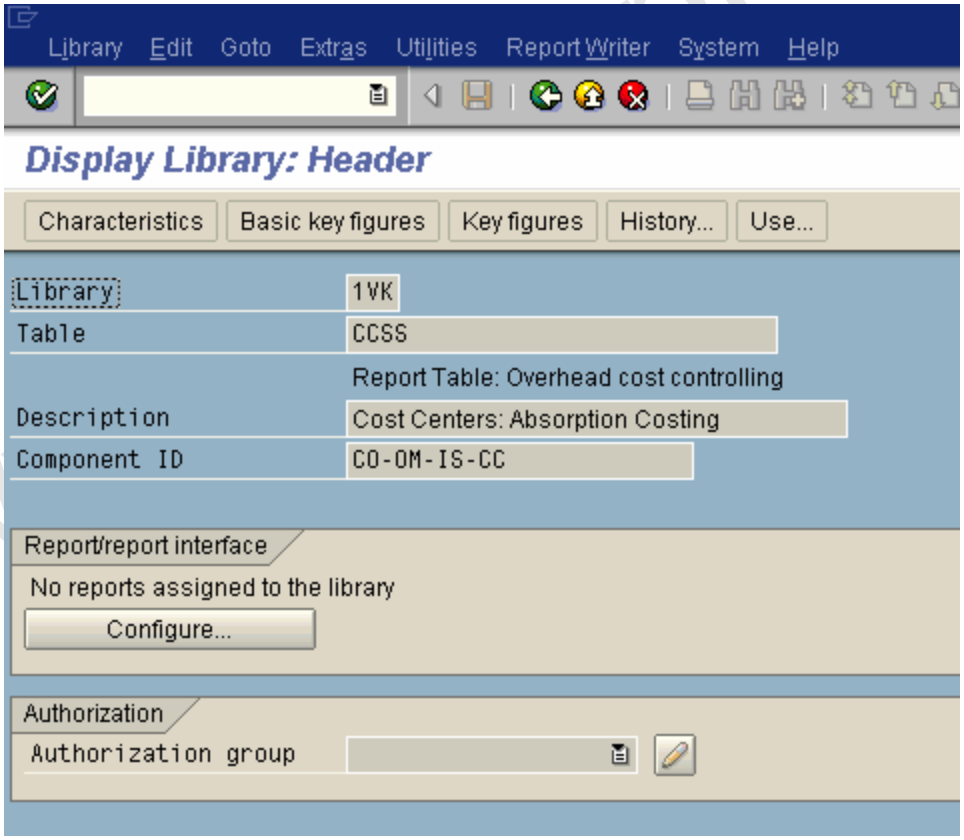


Click



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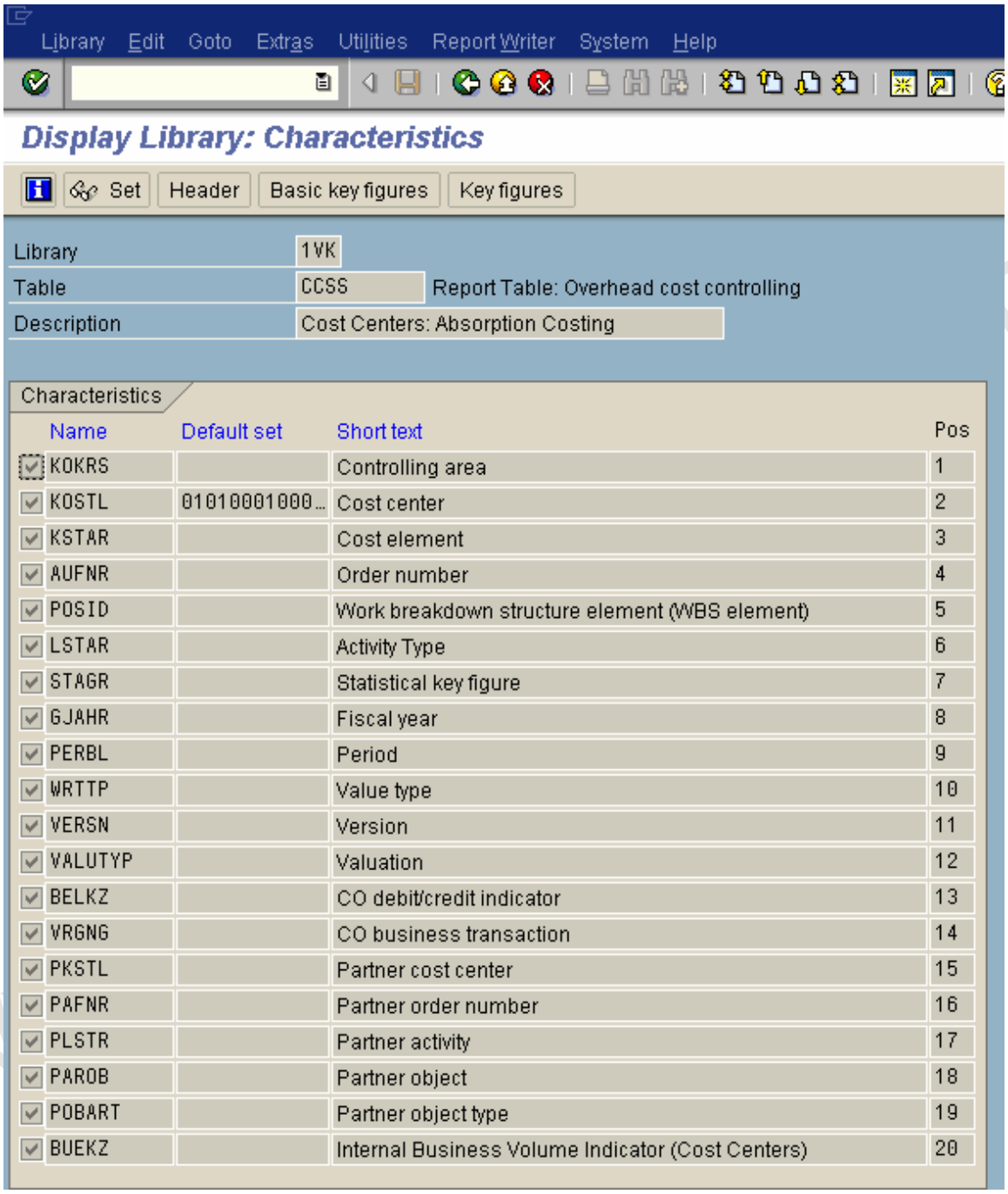
Click



What are Characteristics?

Characteristics are non-numerical fields. They represent criteria, by which you can select data records. Examples of characteristics are the controlling area and fiscal year.

Important Characteristics:

Controlling Area (KOKRS)

Fiscal Year (GJAHR)

Period (PERBL)

Cost Element (KSTAR)

Cost Center (KOSTL)

Activity Type (LSTAR)

Statistical Key Figure (STAGR)

Value Type (WTTP): Indicator for distinguishing different value categories (such as actual costs, plan costs, target costs and so on) in database tables.

Version (VRSN): year-dependent indicators for plan data

Debit/Credit Indicator (CO): Indicator used to distinguish debit and credit postings in CO.

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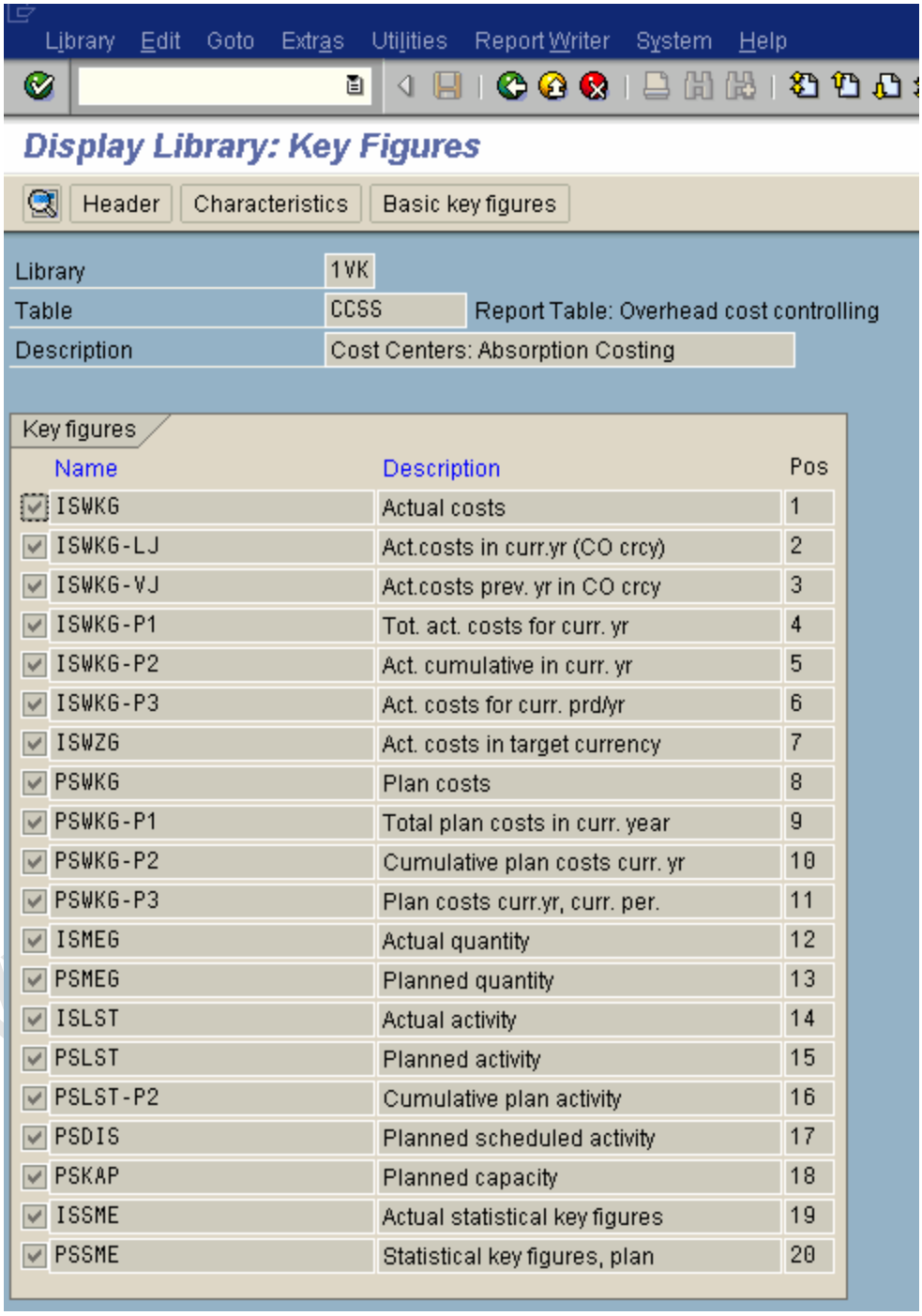
Click
Key figures


Library Edit Goto Extras Utilities Report Writer System Help
Display Library: Key Figures
Header
Characteristics
Basic key figures
Library 1VK
Table CCSS Report Table: Overhead cost controlling
Description Cost Centers: Absorption Costing
Key figures
Name Description Pos
ISWKG Actual costs 1
ISWKG-LJ Act.costs in curr.yr (CO crcy) 2
ISWKG-VJ Act.costs prev. yr in CO crcy 3
ISWKG-P1 Tot. act. costs for curr. yr 4
ISWKG-P2 Act. cumulative in curr. yr 5
ISWKG-P3 Act. costs for curr. prd/yr 6
ISWZG Act. costs in target currency 7
PSWKG Plan costs 8
PSWKG-P1 Total plan costs in curr. year 9
PSWKG-P2 Cumulative plan costs curr. yr 10
PSWKG-P3 Plan costs curr.yr, curr. per. 11
ISMEG Actual quantity 12
PSMEG Planned quantity 13
ISLST Actual activity 14
PSLST Planned activity 15
PSLST-P2 Cumulative plan activity 16
PSDIS Planned scheduled activity 17
PSKAP Planned capacity 18
ISSME Actual statistical key figures 19
PSSME Statistical key figures, plan 20

What are Key figures?

Key figures are numeric fields, which can be evaluated in a report. Examples include overall costs and activity quantities.

Key Figures:

Costs (SWKG): The controlling area currency is the currency used for cost accounting in CO.
Costs in Object Currency (SWOG): The object currency is the currency defined in the master record of a Controlling object
Costs in Transaction Currency (SWTG): The transaction currency is the currency in which the given documents are posted.
Activity Quantity (SLST): Posted quantities for activity types
Statistical Quantity (SSME): Posted quantities for statistical key figures

Click

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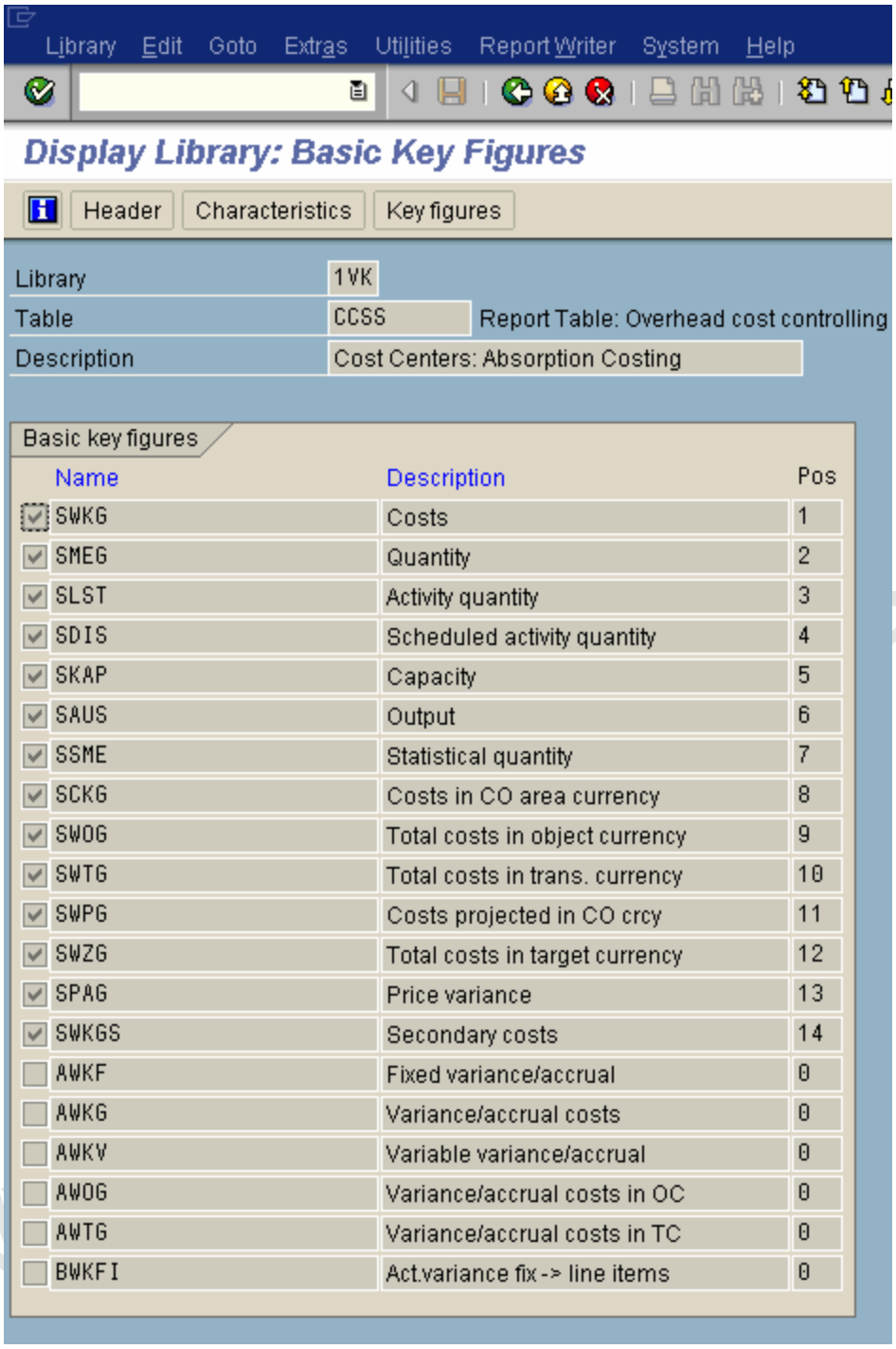
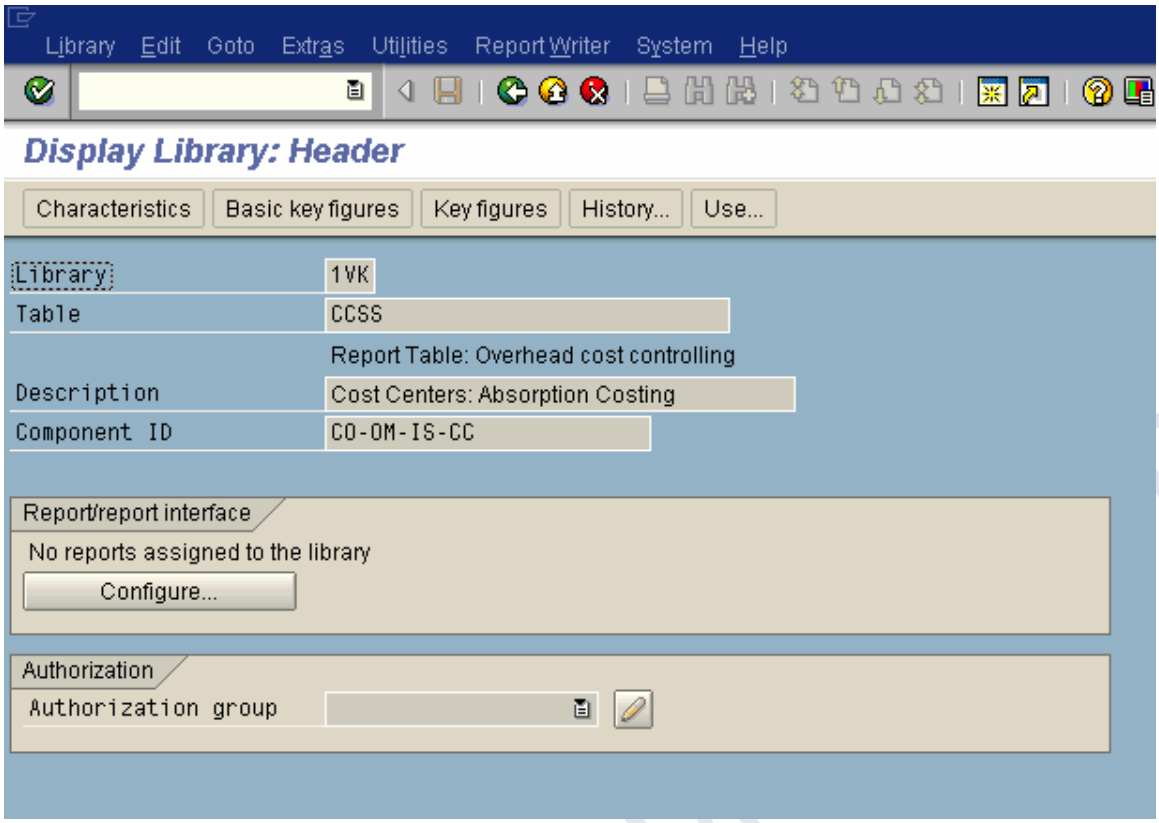
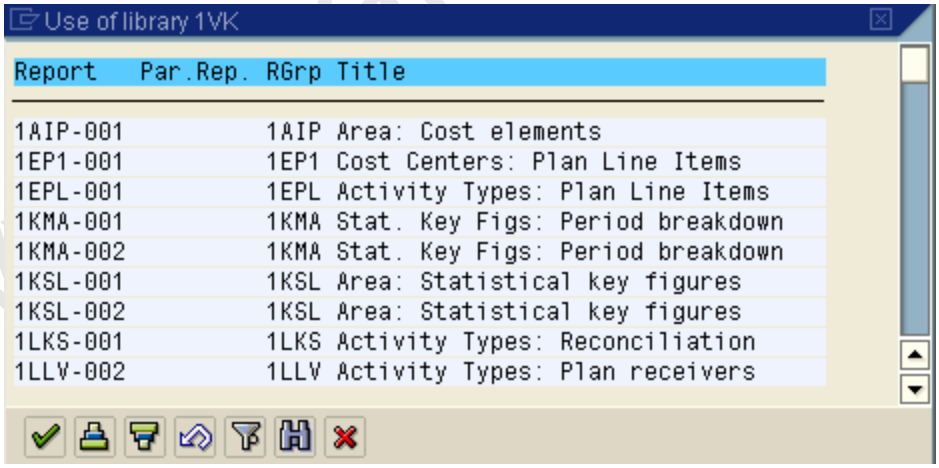

Library Edit Goto Extras Utilities Report Writer System Help
Display Library: Basic Key Figures
Header
Characteristics
Key figures
Library 1VK
Table CCSS Report Table: Overhead cost controlling
Description Cost Centers: Absorption Costing
Basic key figures
Name Description Pos
SWKG Costs 1
SMEG Quantity 2
SLST Activity quantity 3
SDIS Scheduled activity quantity 4
SKAP Capacity 5
SAUS Output 6
SSME Statistical quantity 7
SCKG Costs in CO area currency 8
SWOG Total costs in object currency 9
SWTG Total costs in trans. currency 10
SWPG Costs projected in CO crcy 11
SWZG Total costs in target currency 12
SPAG Price variance 13
SWKGS Secondary costs 14
AWKF Fixed variance/accrual 0
AWKG Variance/accrual costs 0
AWKV Variable variance/accrual 0
AWOG Variance/accrual costs in OC 0
AWTG Variance/accrual costs in TC 0
BWKFI Act.variance fix -> line items 0

Click on
Header



Click



Predefined columns consist of a key figure and one or more characteristics. They are used for the fast definition of frequently-used columns. Examples include total actual costs for the current fiscal year or plan fixed costs for the previous fiscal year.

The standard reports delivered with Cost Center Accounting are summarized in the following libraries:-

1VK library - Full cost methods

1GK library - Marginal cost

1AB library - Variance analyses

Standard Naming Procedure of Library:-

0	**For SAP internal use only**
1	**Cost Center Accounting**
2	**LIS**
3	**LIS**
4	**FI-LC**
5	**Reconciliation Ledger**
6	**Overhead Orders and Project Mgmt**
7	**Product cost controlling**
8	**Profit center accounting**
9	**Activity Based costing**

You can establish your own naming conventions for object names that do not begin with a numeral to create a Library.

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2. Create Variable

SAP Easy access → Accounting → Controlling → Cost Center Accounting → Information system → Tools → Report Painter → Report Writer → Variable → GS11 - Create

We will create a variable for cost element group group CL. Cost element group CL is a grouping of all cost elements grouped according to logical grouping. Revenues, Salaries & Wages, Logistical costs, Admin costs.

This cost element grouping will be in used in the report so as to show the grouping of costs. If you do not require any grouping of cost elements you need not create any variable.

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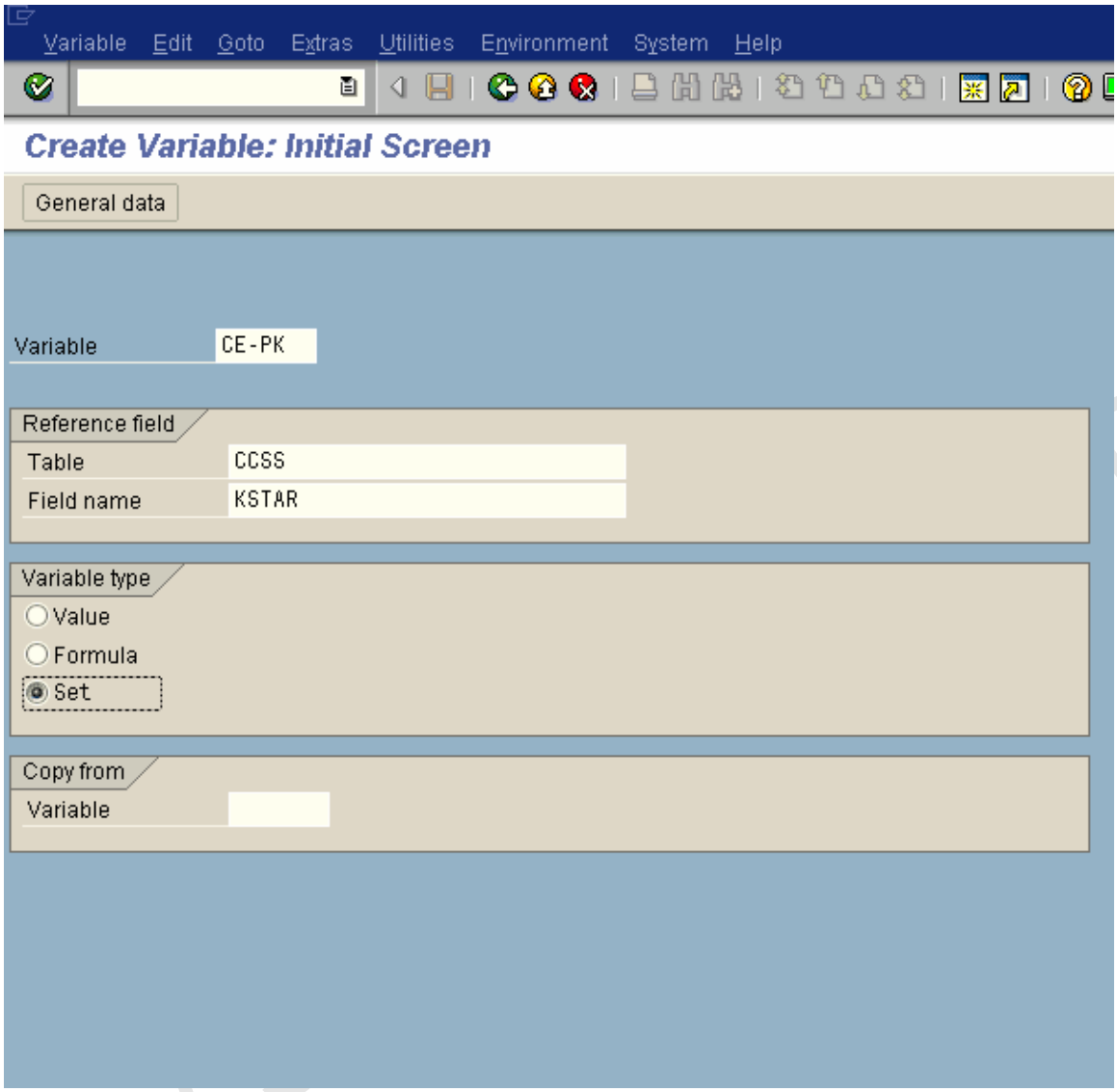
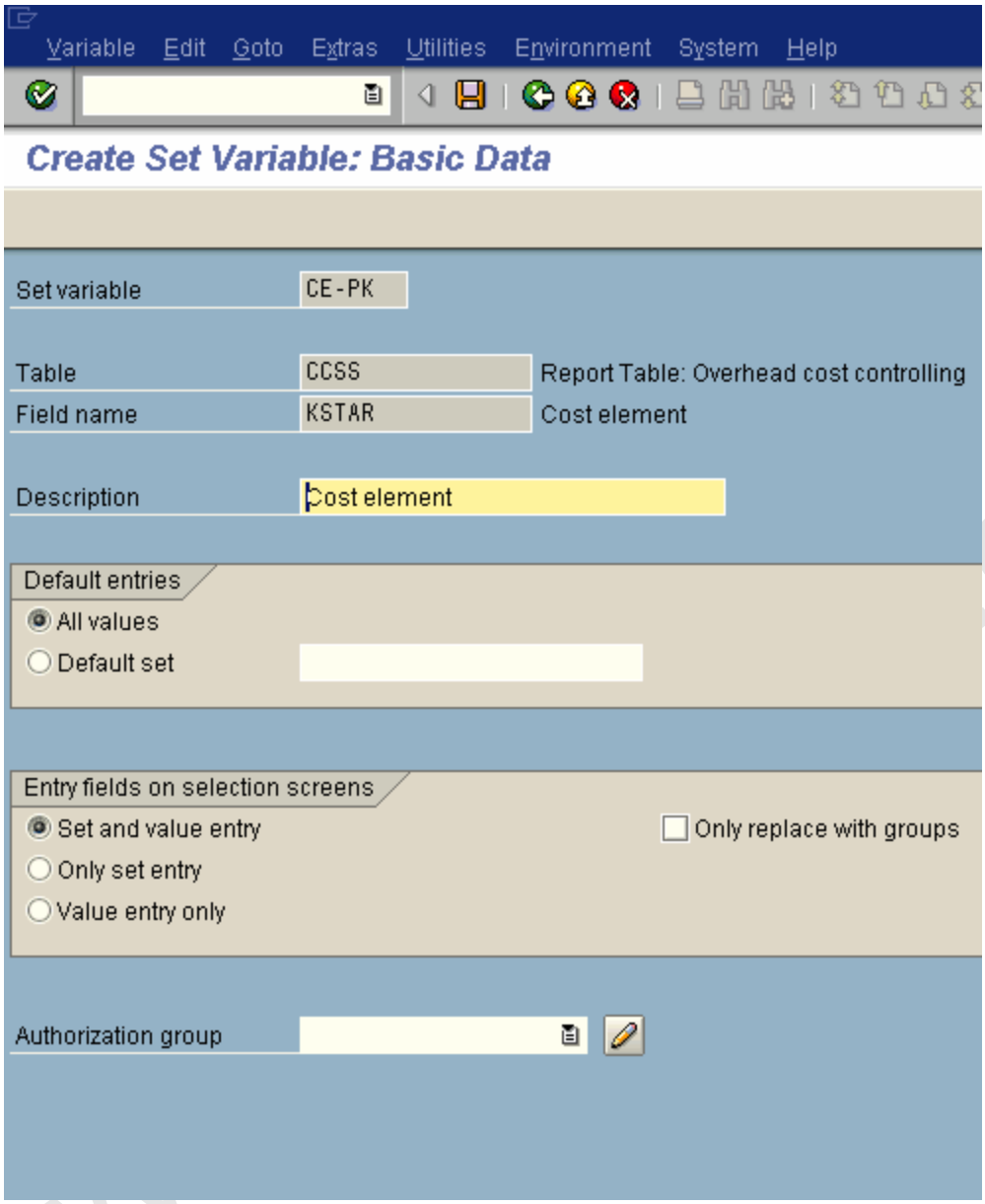
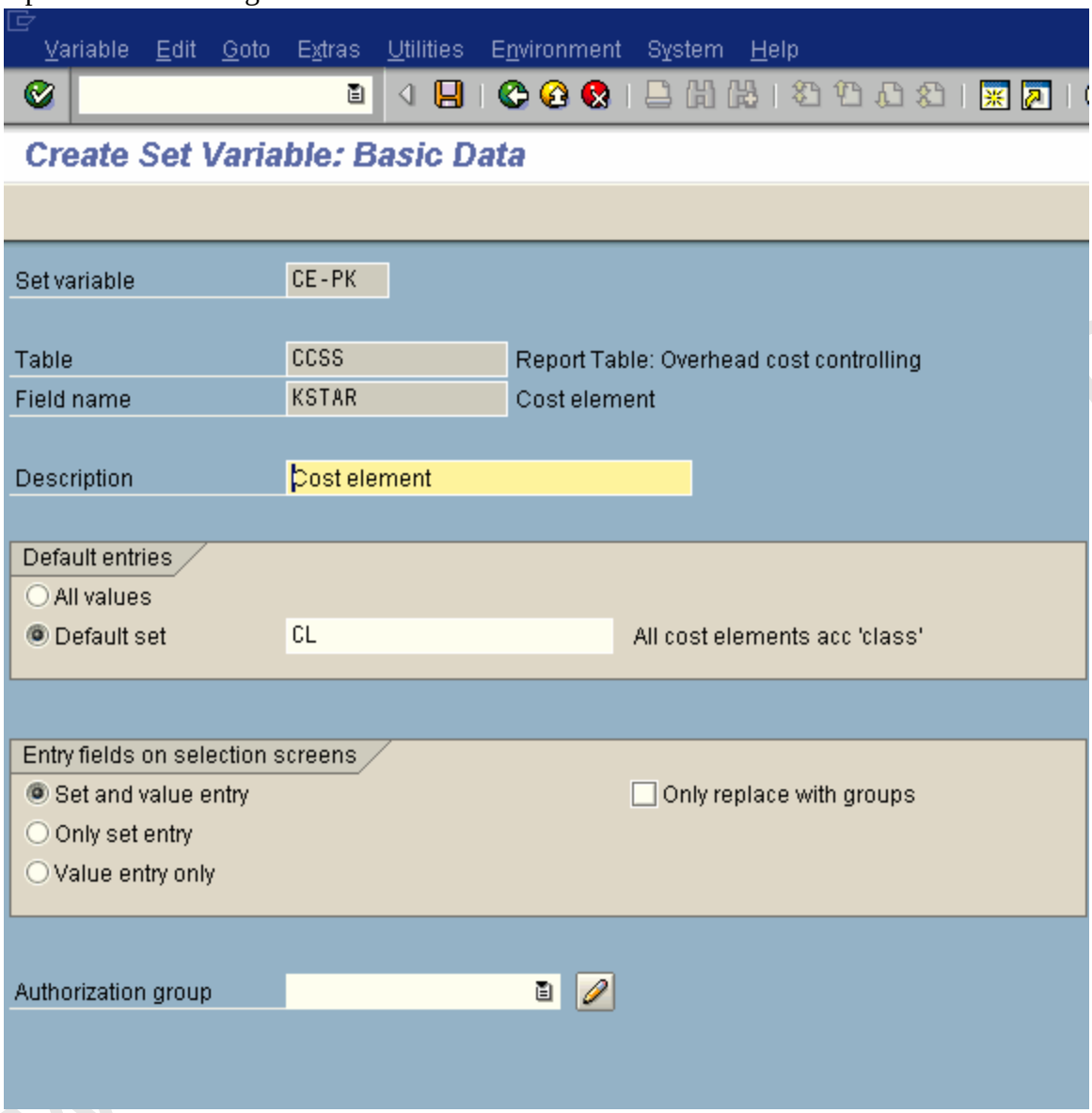

Variable Edit Goto Extras Utilities Environment System Help
Create Variable: Initial Screen
General data
Variable
CE-PK
Reference field
Table
CCSS
Field name
KSTAR
Variable type
Value
Formula
Set
Copy from
Variable

Click


Variable Edit Goto Extras Utilities Environment System Help
Create Set Variable: Basic Data
Set variable
CE-PK
Table
CCSS
Report Table: Overhead cost controlling
Field name
KSTAR
Cost element
Description
Cost element
Default entries
All values
Default set
Entry fields on selection screens
Set and value entry
Only set entry
Value entry only
Only replace with groups
Authorization group

Update the following



Click

3. Create Report

Accounting → Controlling → Cost Center Accounting → Information System → Tools → Report Painter → GRR1 - Create

Report Painter functions similar to Report Writer, but is easier to use. Most of the functions found in Report Writer have been built into Report Painter; however, you do not need to be familiar with all Report Writer concepts such as Sets in order to use Report Painter.
Report Painter uses a graphical report structure, which forms the basis for your report definition and displays the rows and columns as they appear in the final report output.

Advantages of Report Painter are:-
Flexible and simple report definition
Report definition without using sets
Direct layout control: The report rows and columns are displayed for your report definition just as they appear in the final report output. This makes test runs unnecessary.

Let us now create a report in the report painter.

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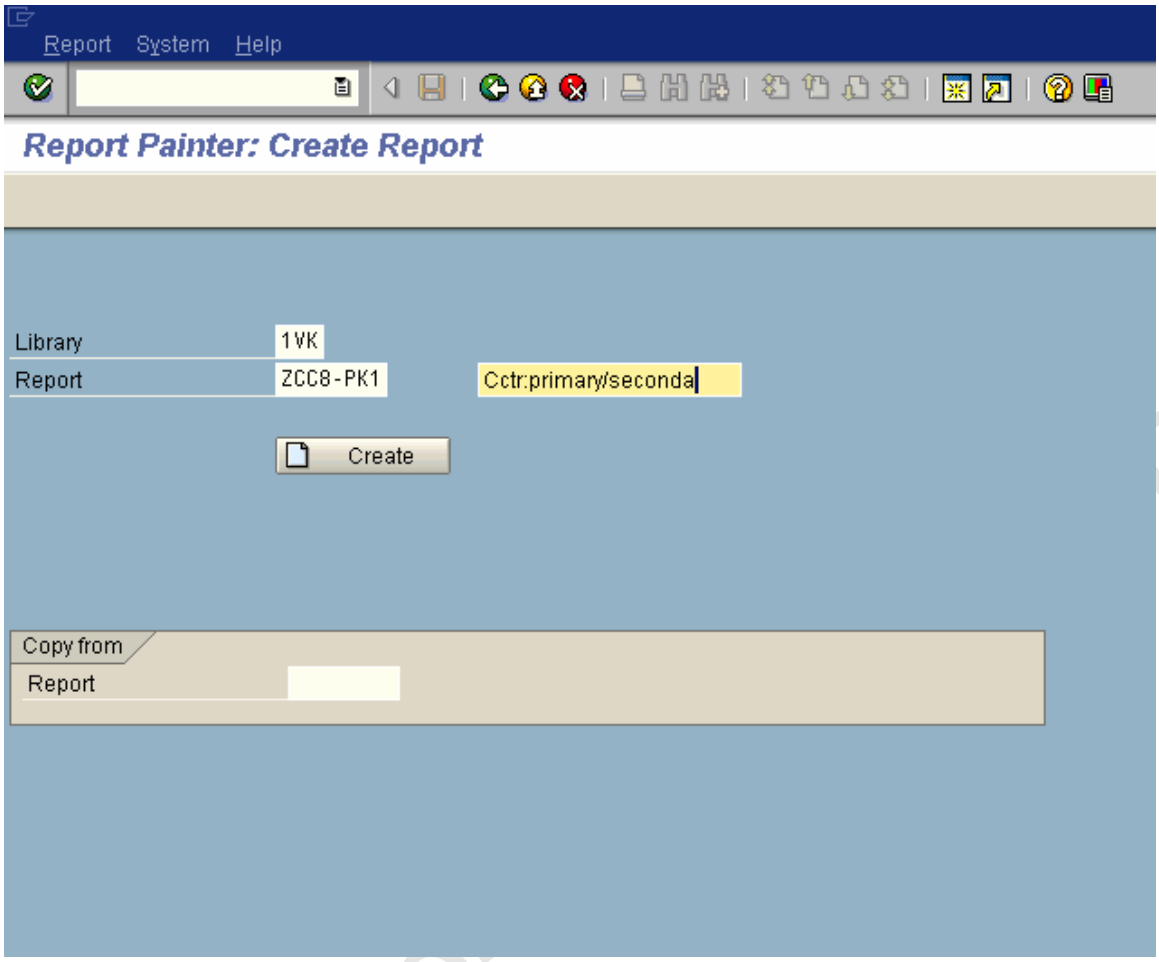
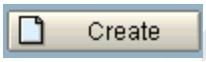


Click on 

Update Section 0001

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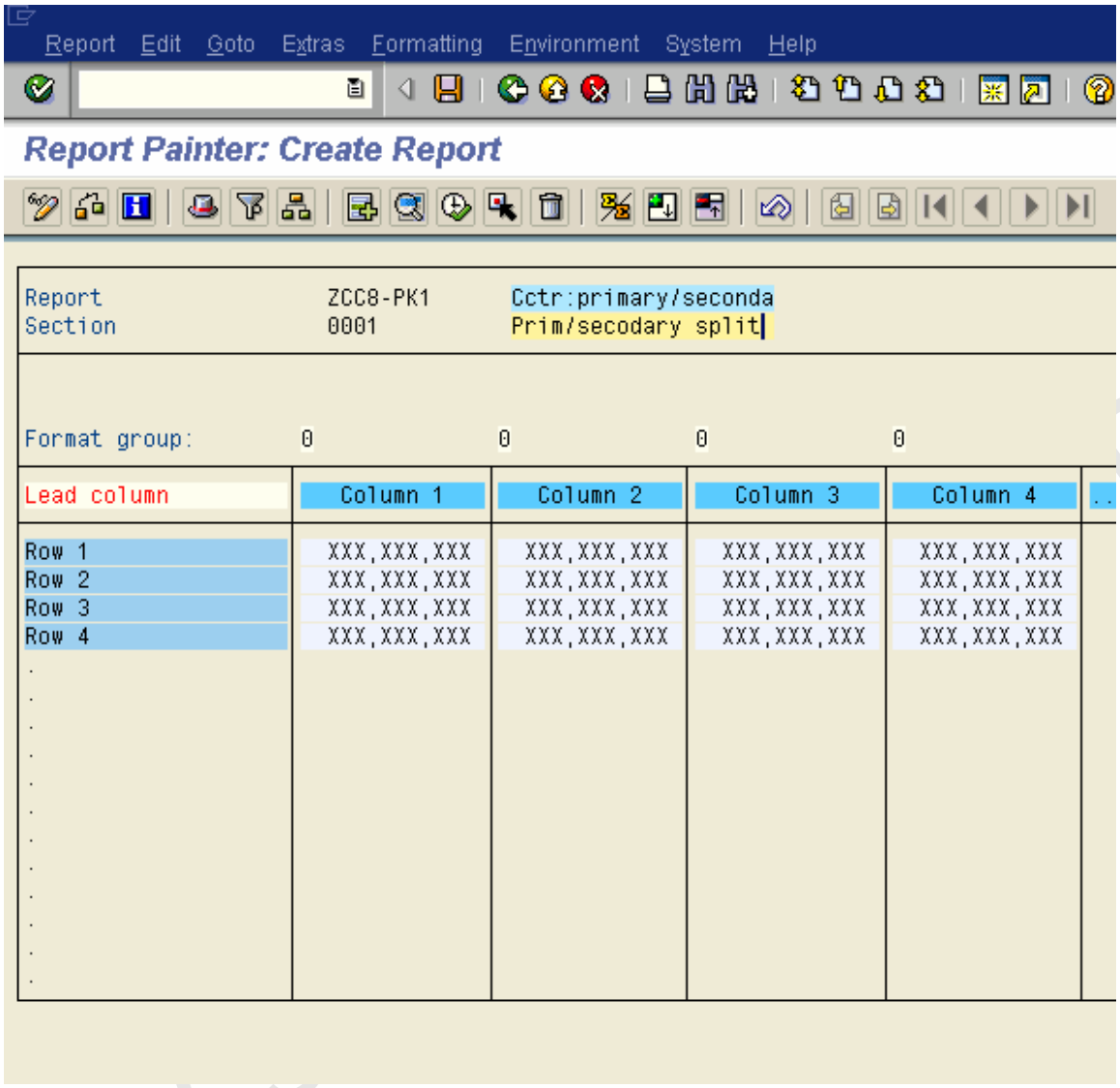
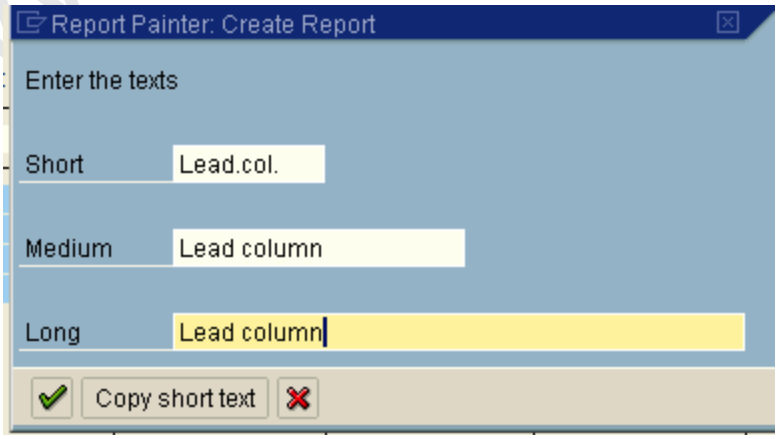
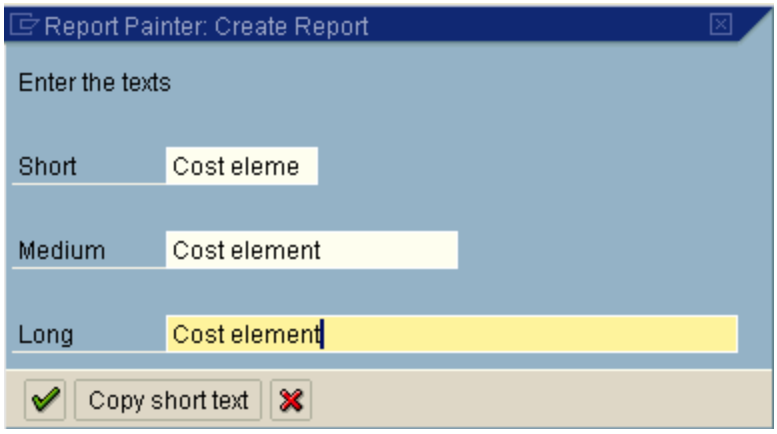


Double click on Lead column





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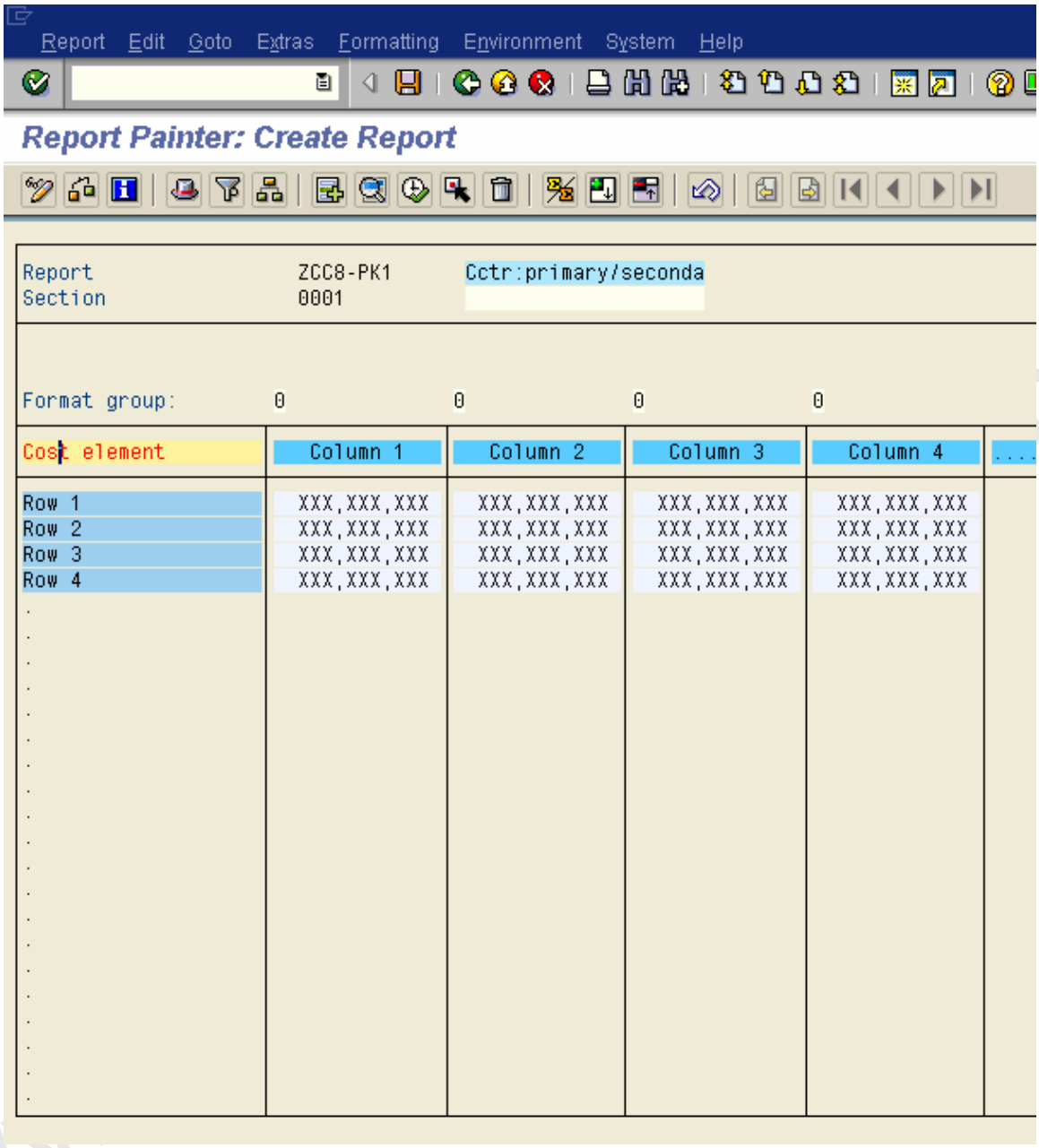
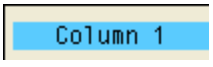
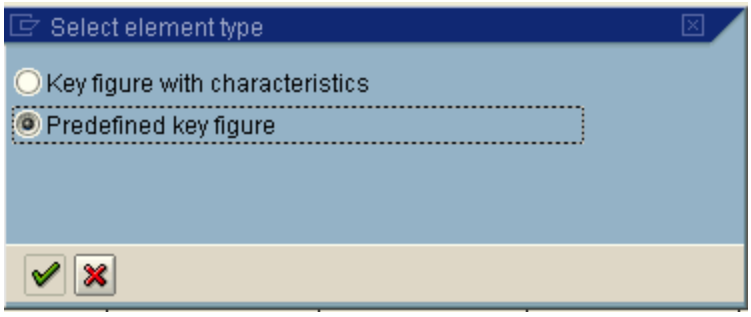
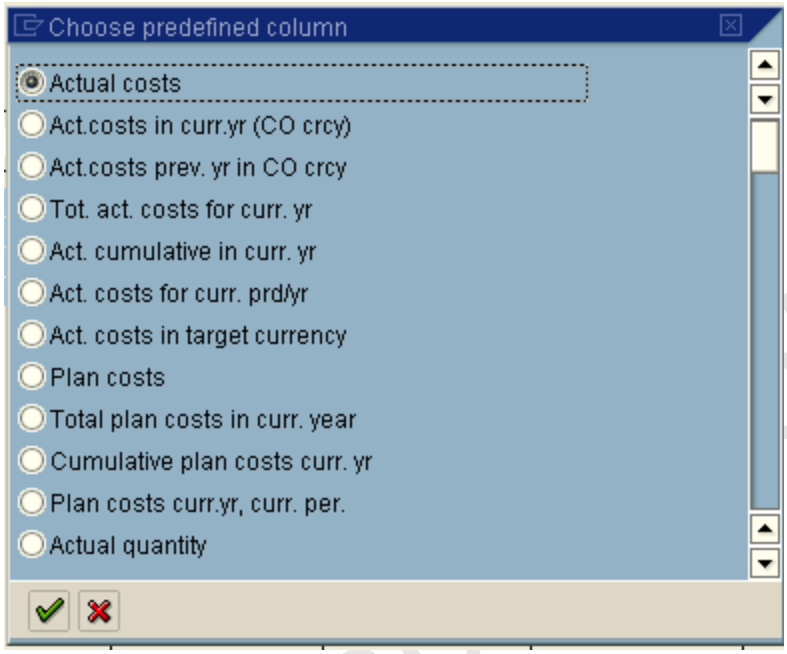


Double click 





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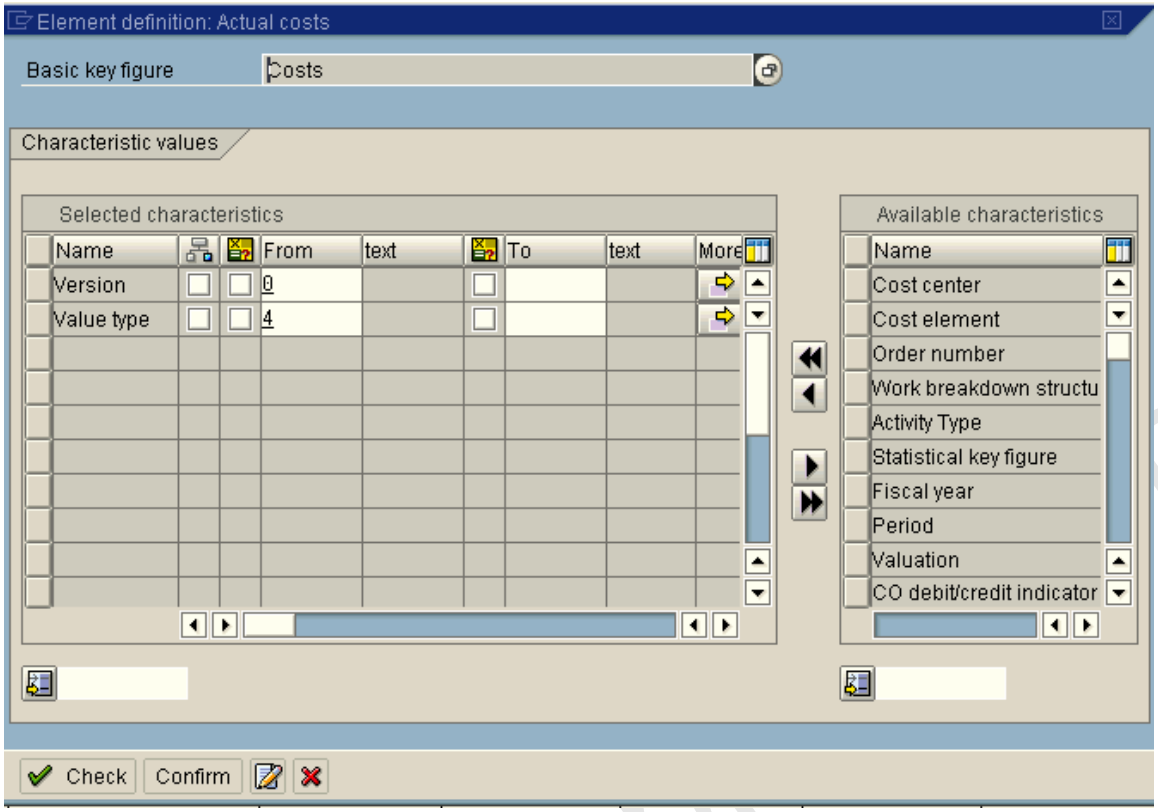

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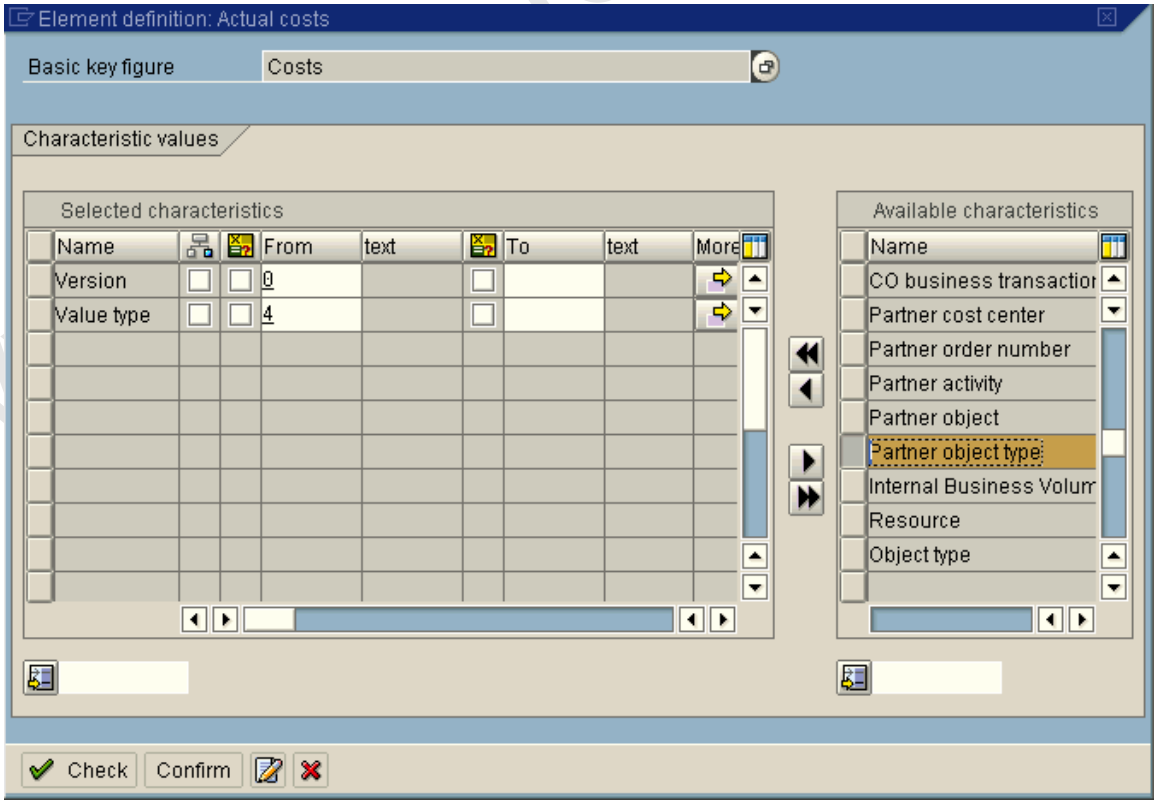

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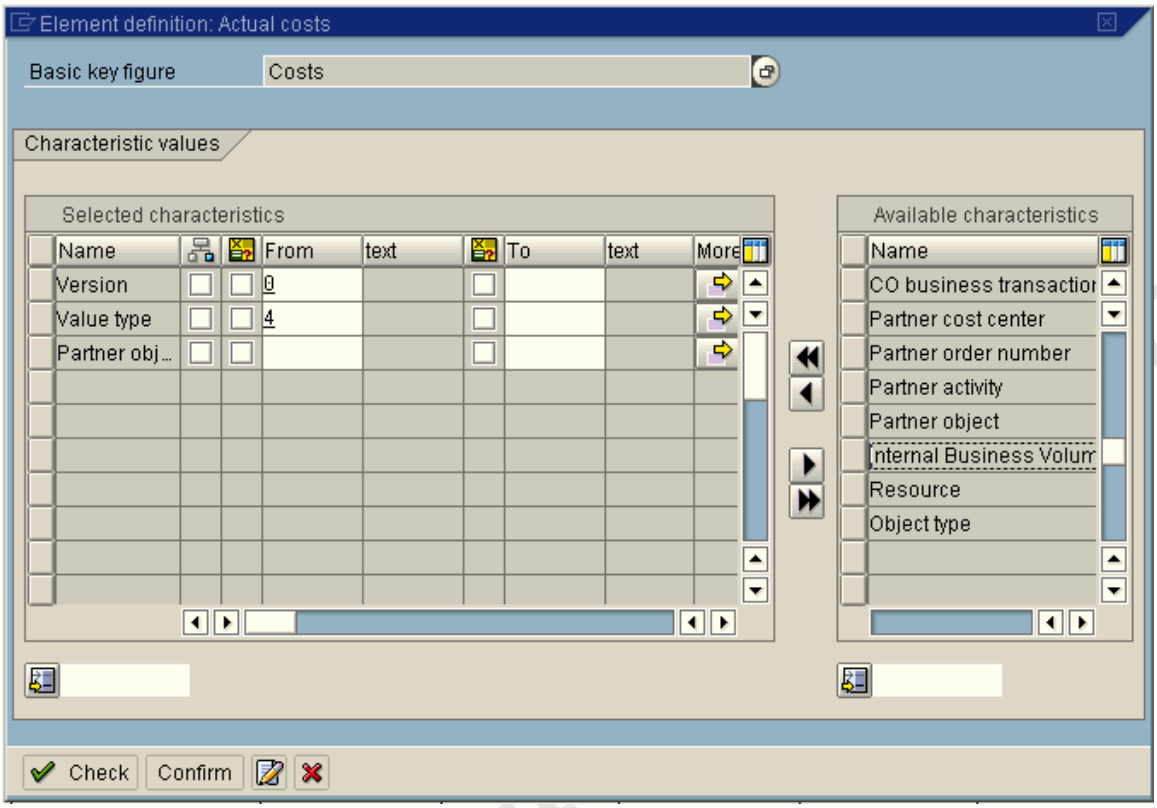

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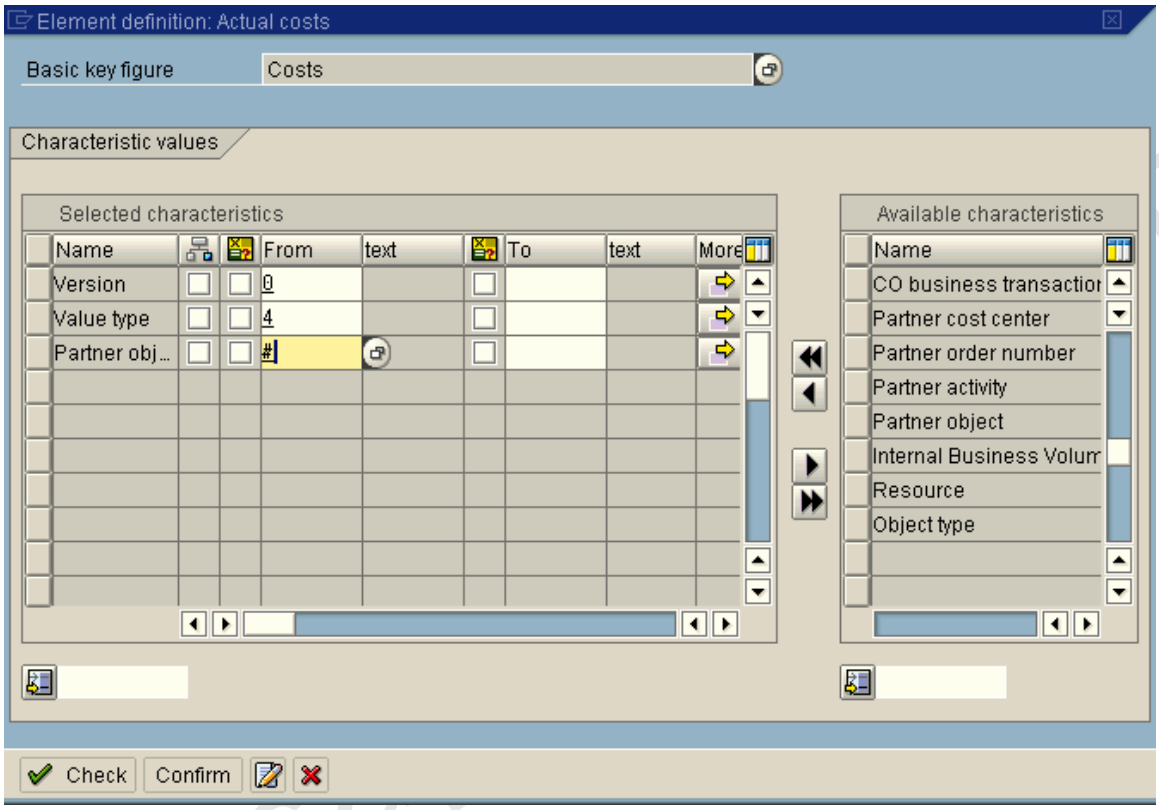
Update the following:-



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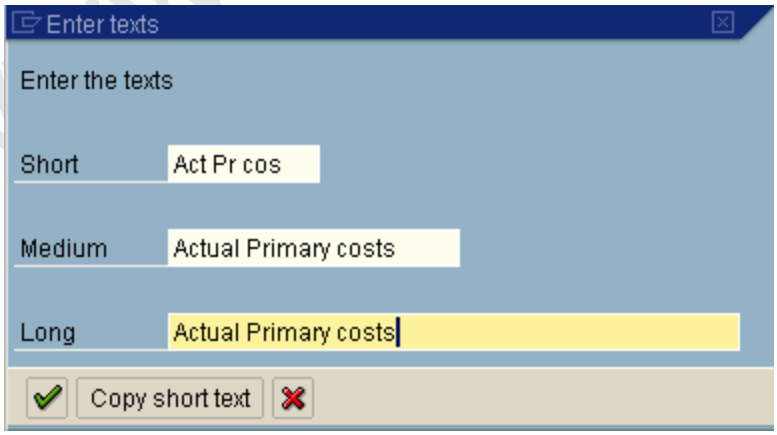
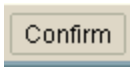
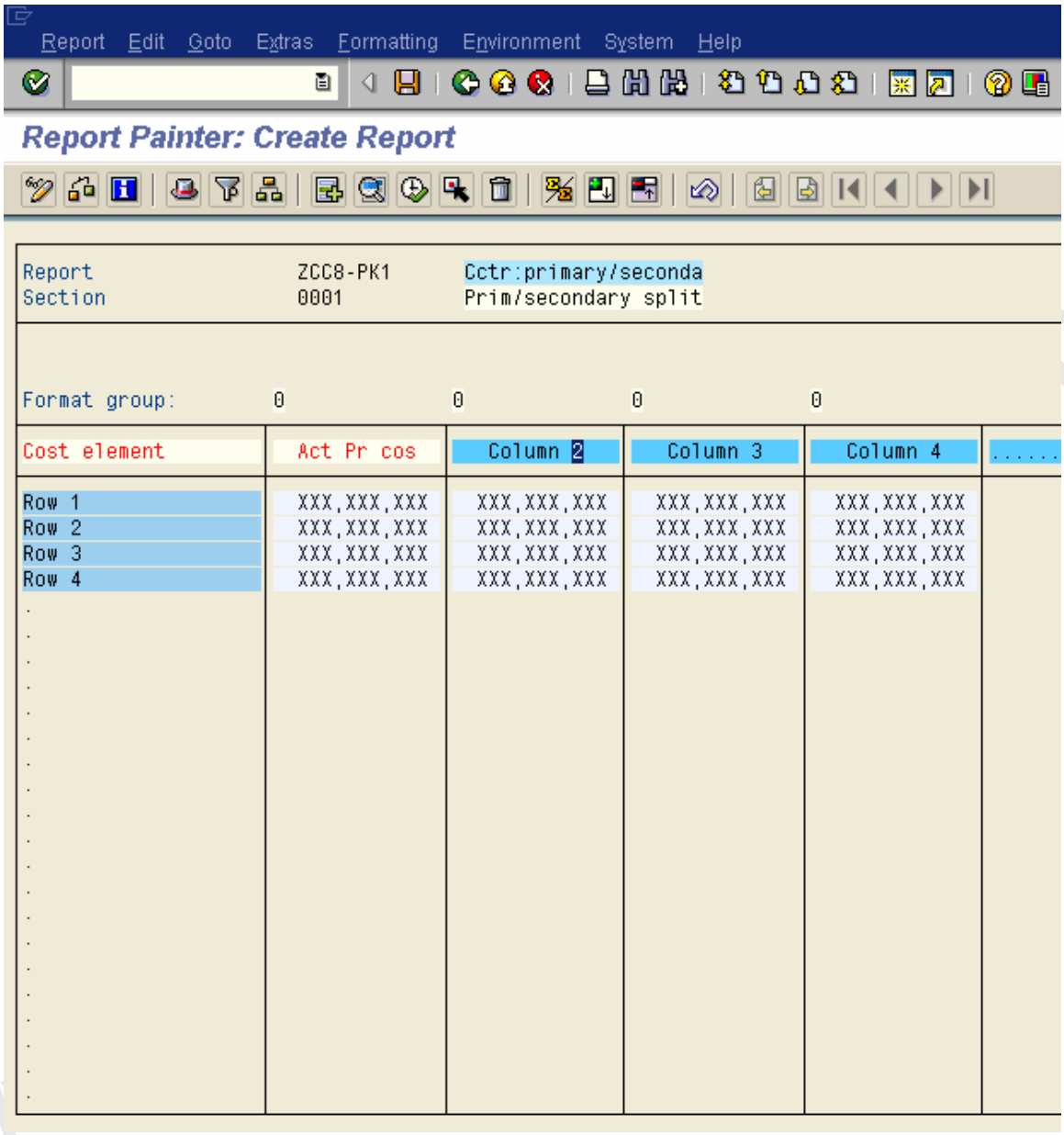
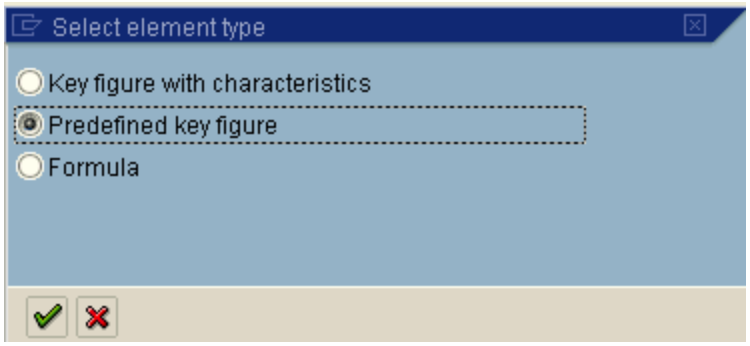
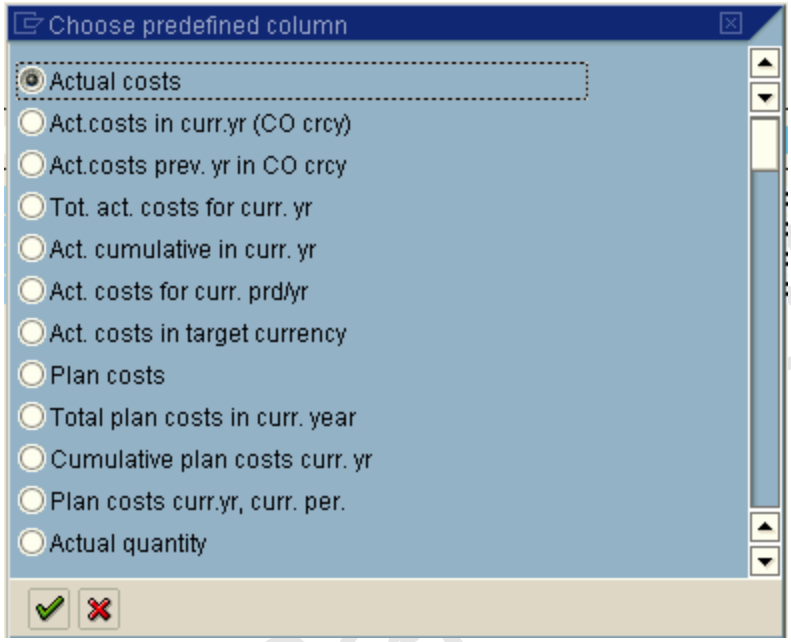


Click 



Double click





Click

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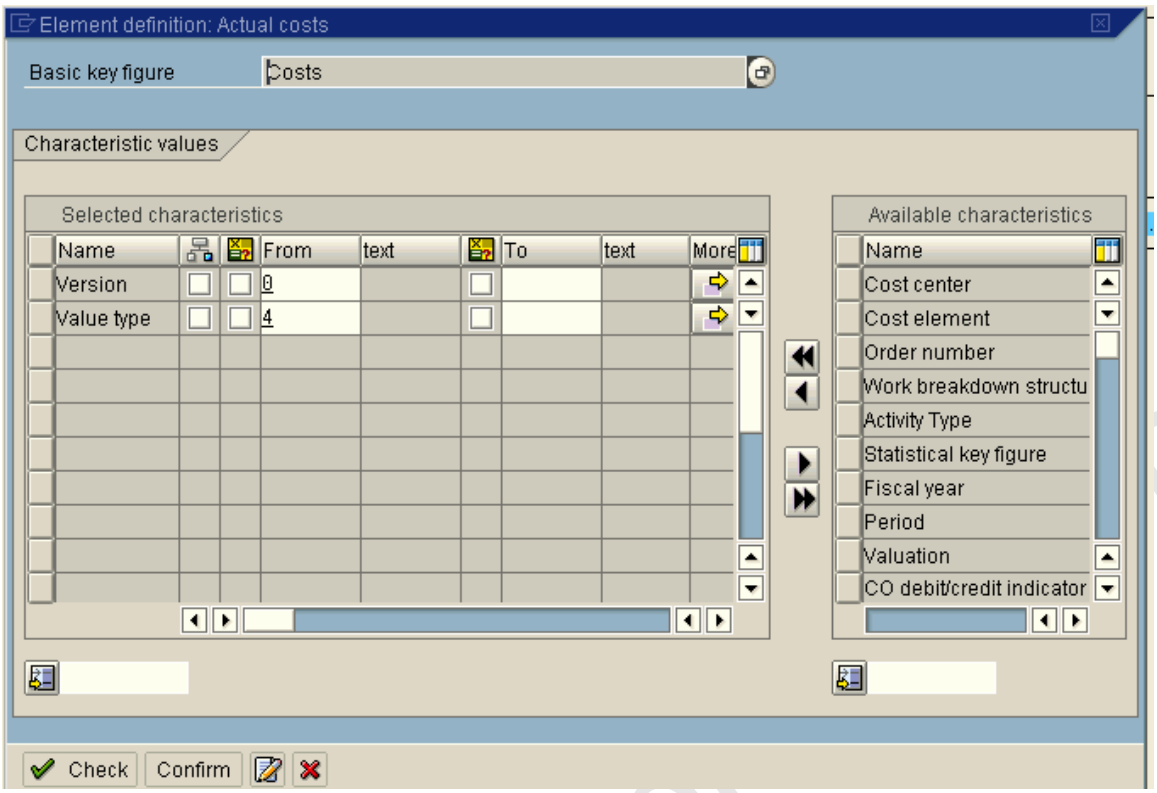
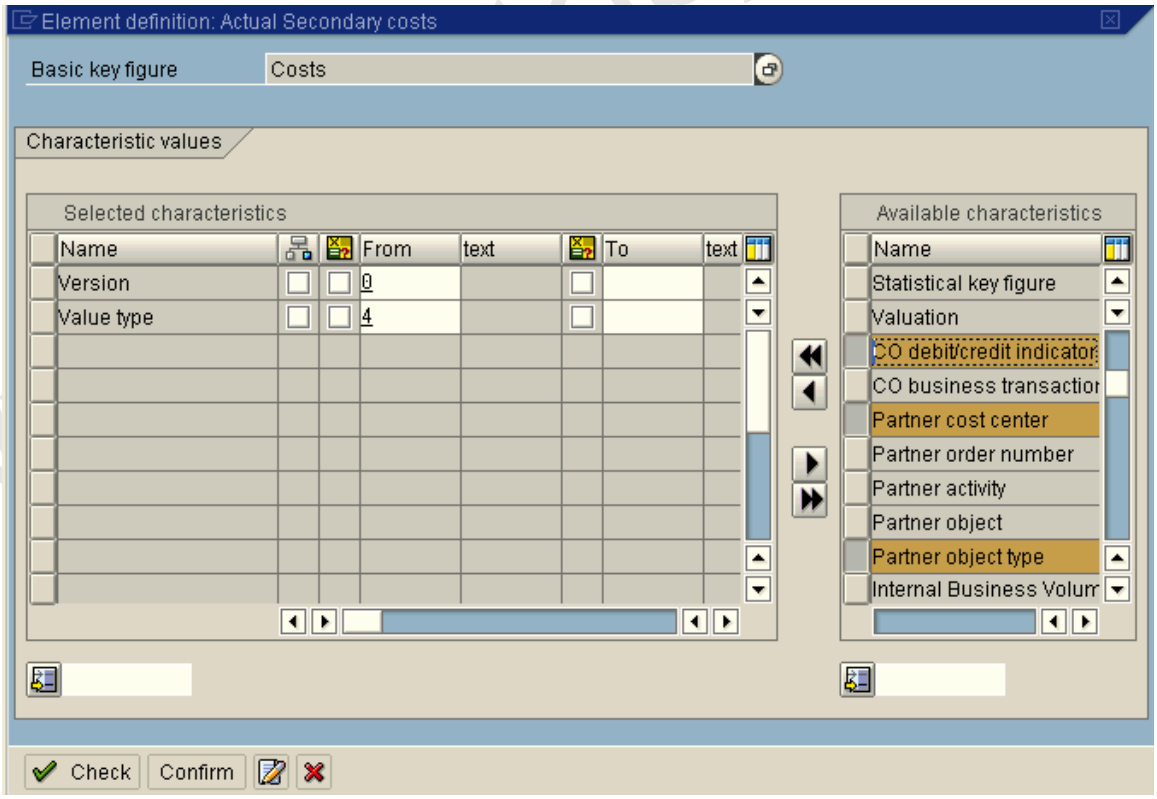
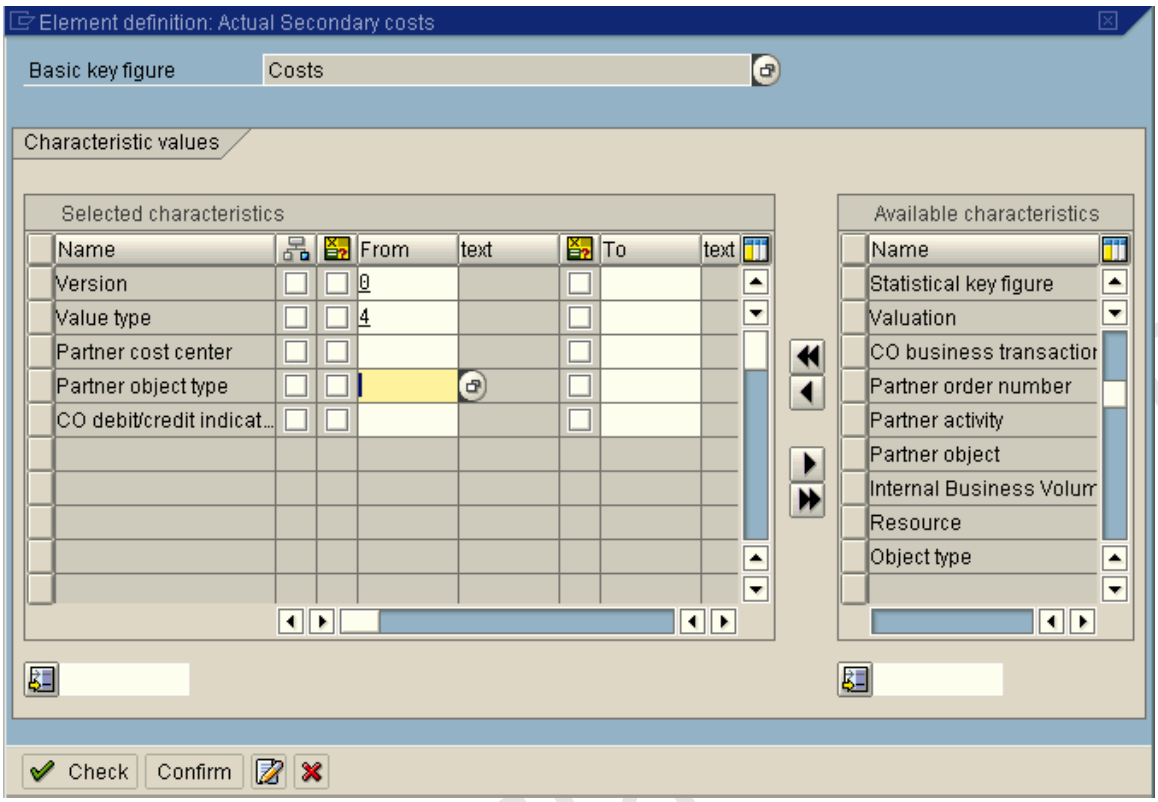

Element definition: Actual costs
Basic key figure
Costs
Characteristic values
Selected characteristics
Name
From
text
To
text
More
Version
0
Value type
4
Available characteristics
Name
Cost center
Cost element
Order number
Work breakdown structu
Activity Type
Statistical key figure
Fiscal year
Period
Valuation
CO debit/credit indicator
Check
Confirm


Element definition: Actual Secondary costs
Basic key figure
Costs
Characteristic values
Selected characteristics
Name
From
text
To
text
Version
0
Value type
4
Available characteristics
Name
Statistical key figure
Valuation
CO debit/credit indicator
CO business transactior
Partner cost center
Partner order number
Partner activity
Partner object
Partner object type
Internal Business Volum
Check
Confirm

Click



KS – cost center

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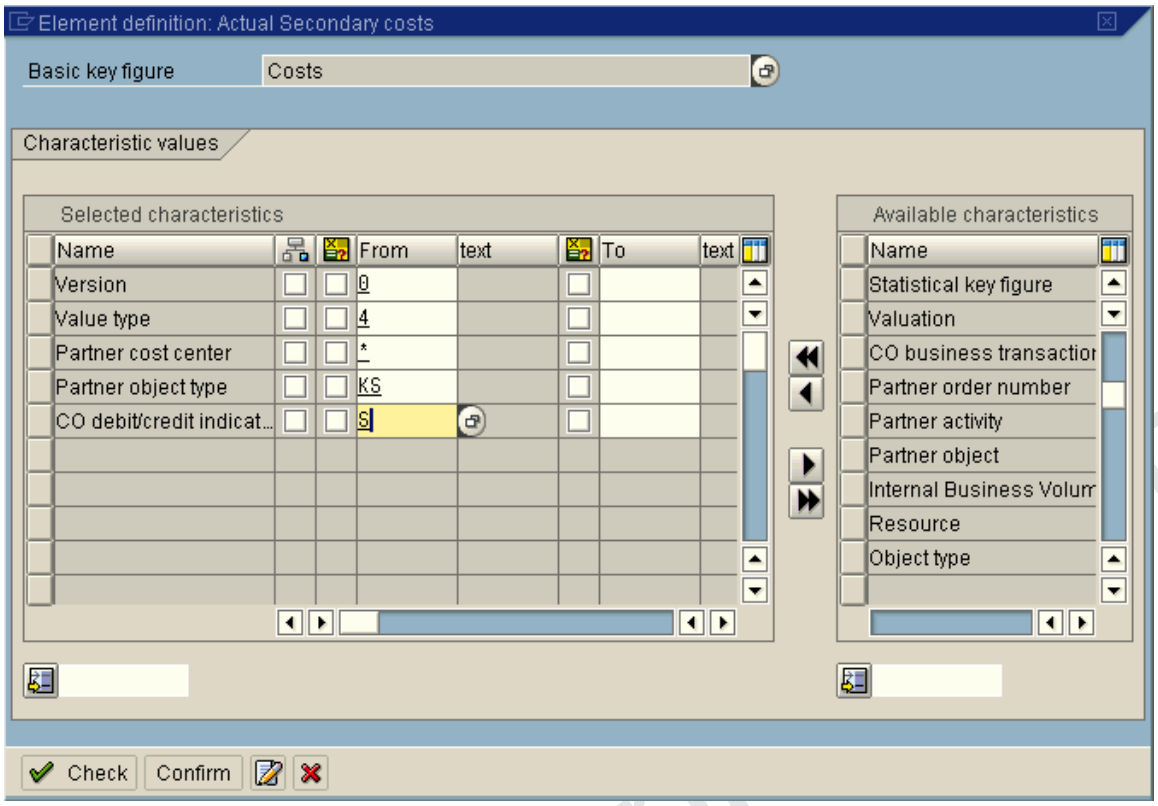
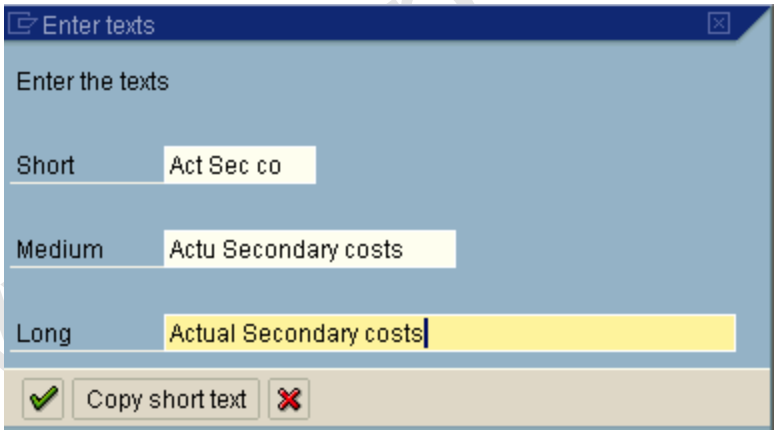
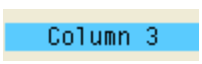


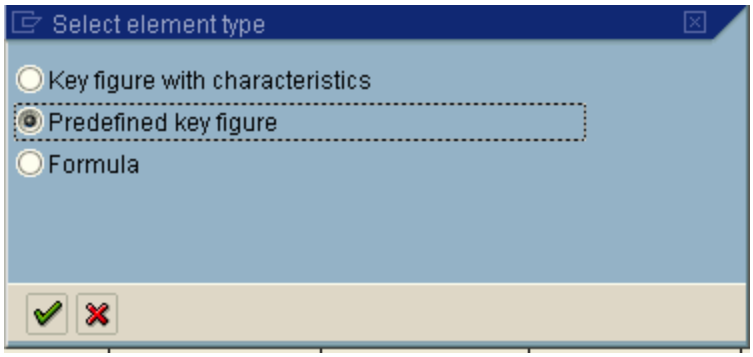
Click

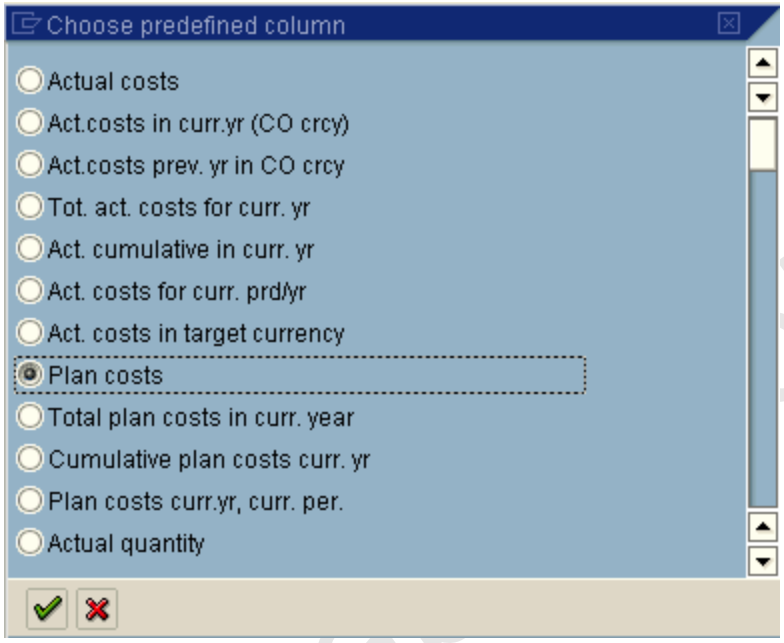


Click

Click

Double click 





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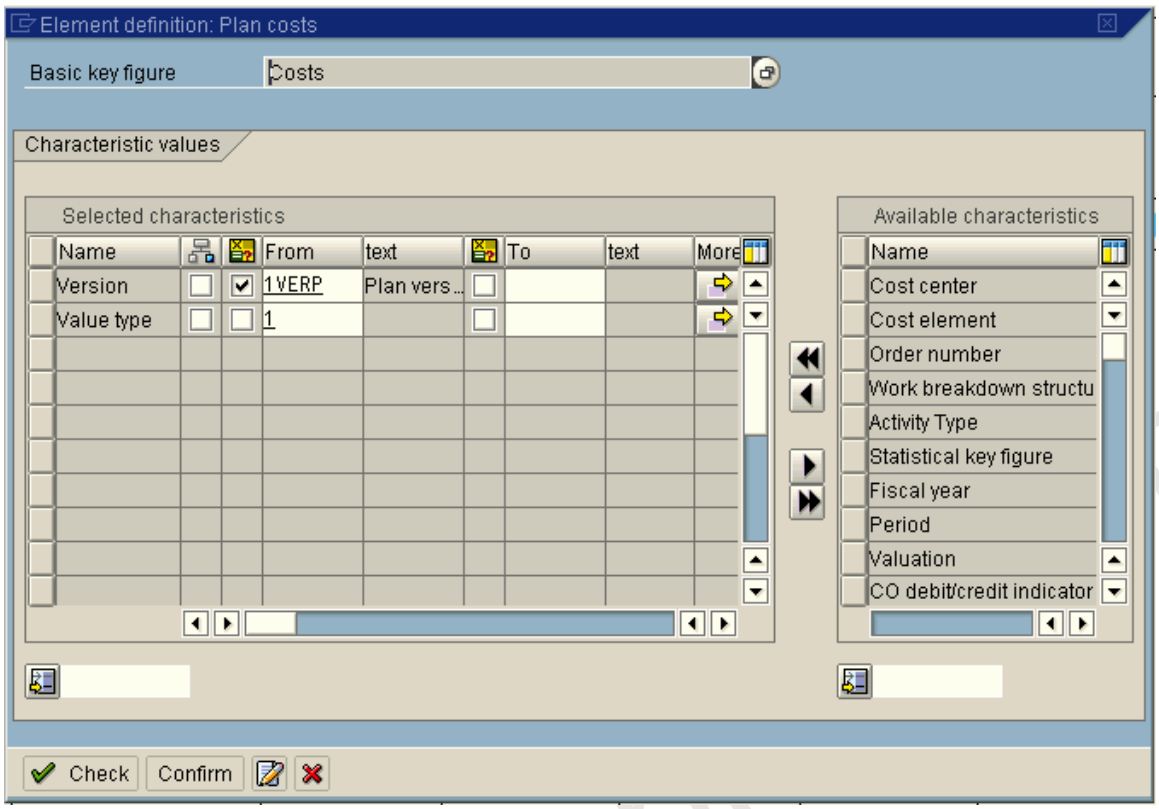
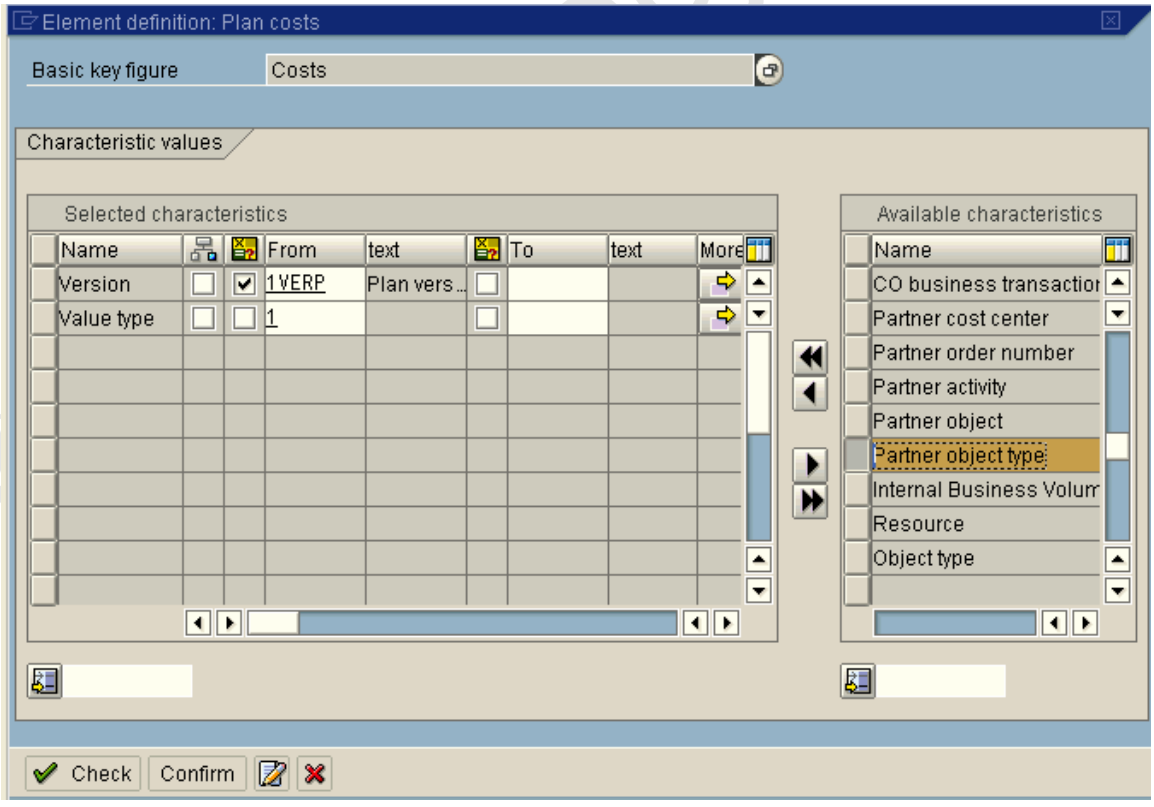
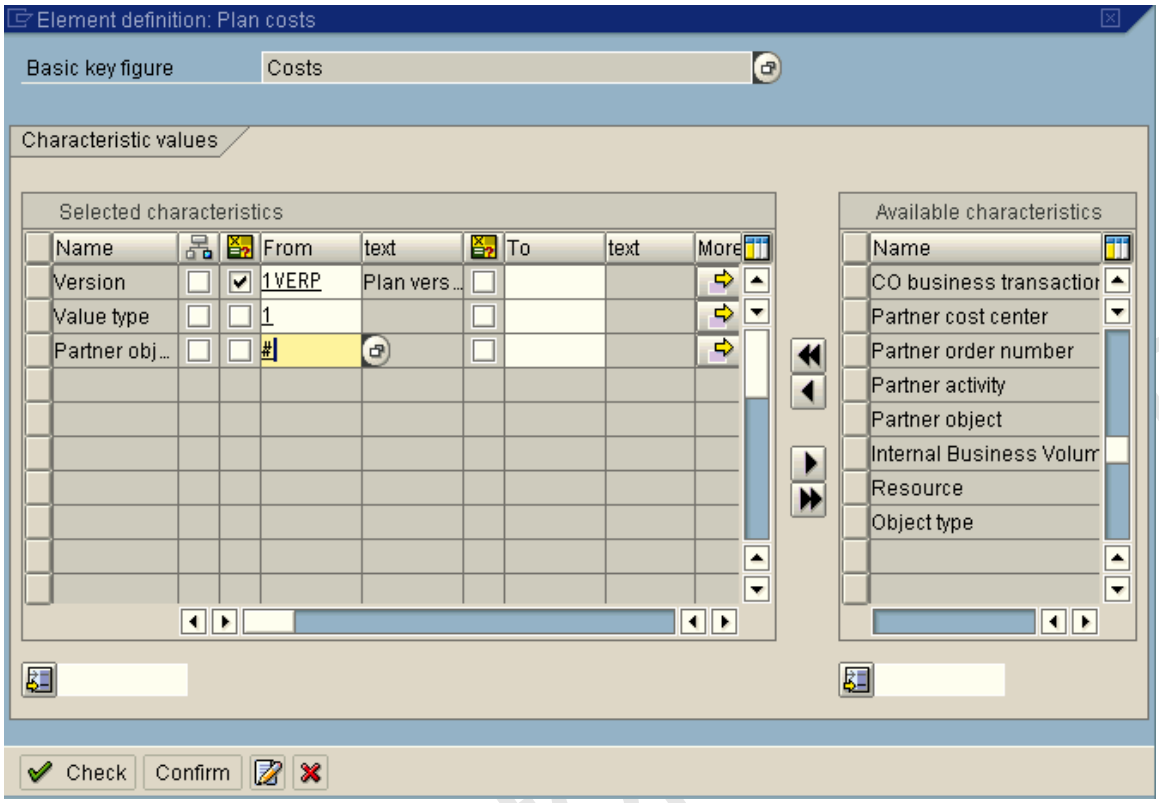

Element definition: Plan costs
Basic key figure
Costs
Characteristic values
Selected characteristics
Name
From
text
To
text
More
Version
1 VERP
Plan vers...
Value type
1
Available characteristics
Name
Cost center
Cost element
Order number
Work breakdown structu
Activity Type
Statistical key figure
Fiscal year
Period
Valuation
CO debit/credit indicator
Check
Confirm

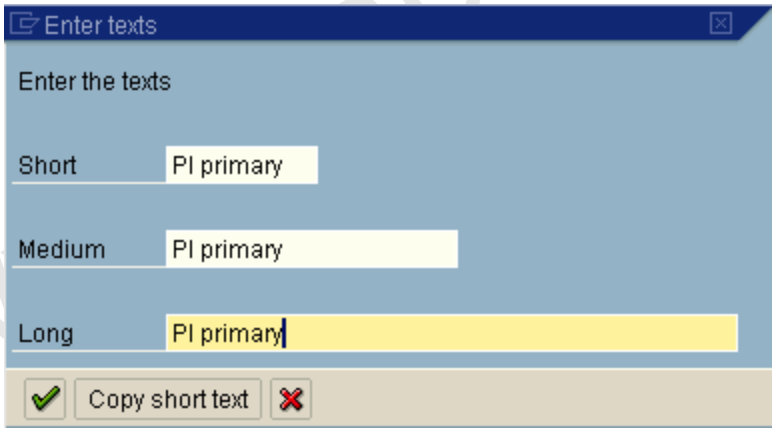

Element definition: Plan costs
Basic key figure
Costs
Characteristic values
Selected characteristics
Name
From
text
To
text
More
Version
1 VERP
Plan vers...
Value type
1
Available characteristics
Name
CO business transactior
Partner cost center
Partner order number
Partner activity
Partner object
Partner object type
Internal Business Volum
Resource
Object type
Check
Confirm

Click

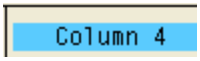
Update the following:-

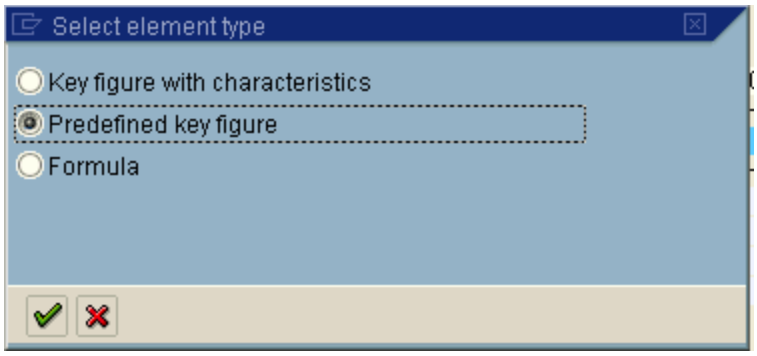


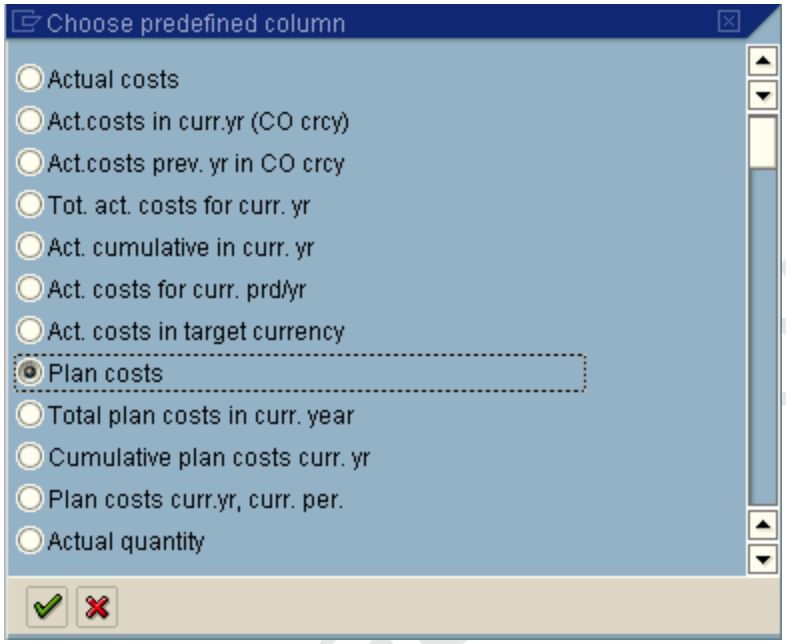
Click



Click

Double click 





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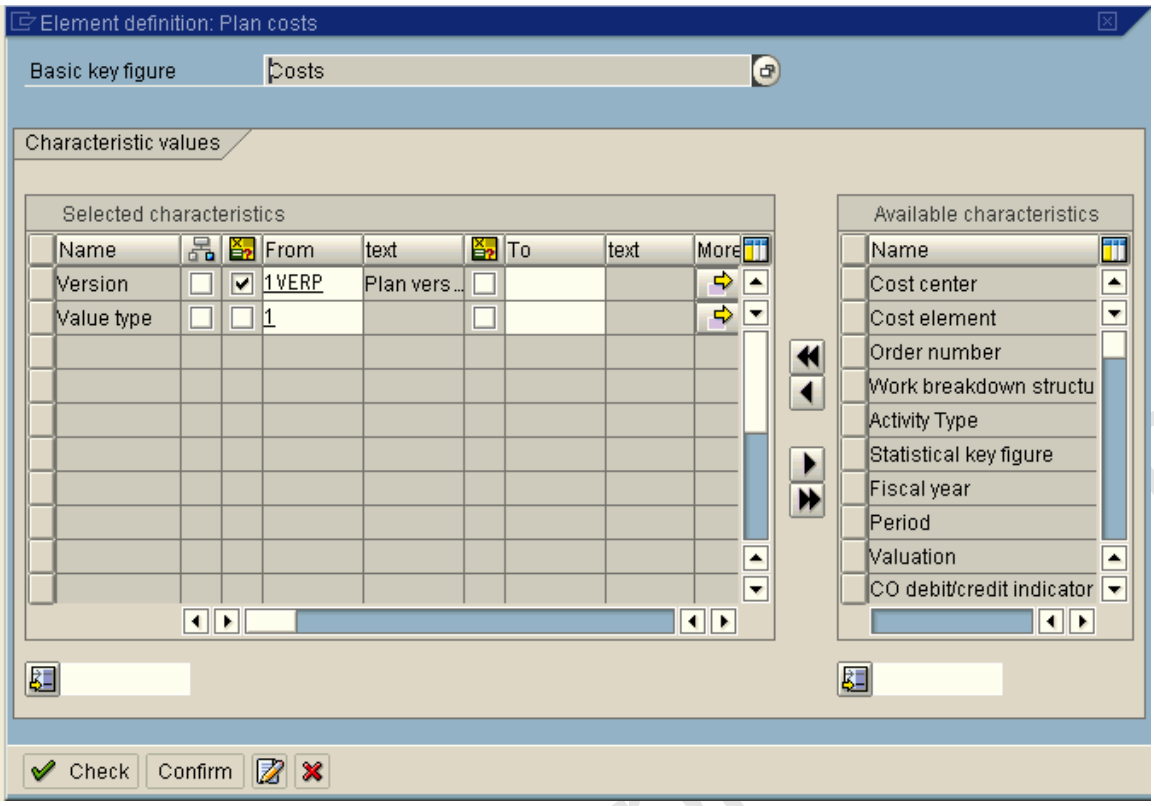
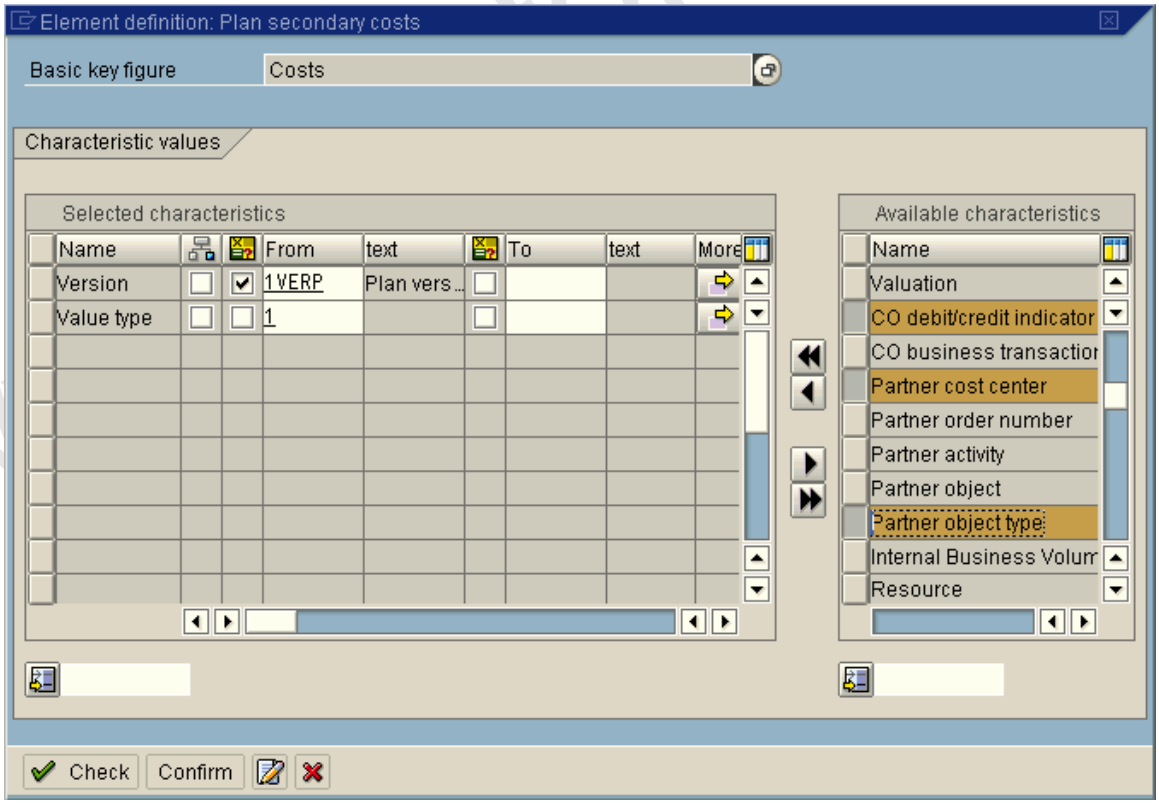
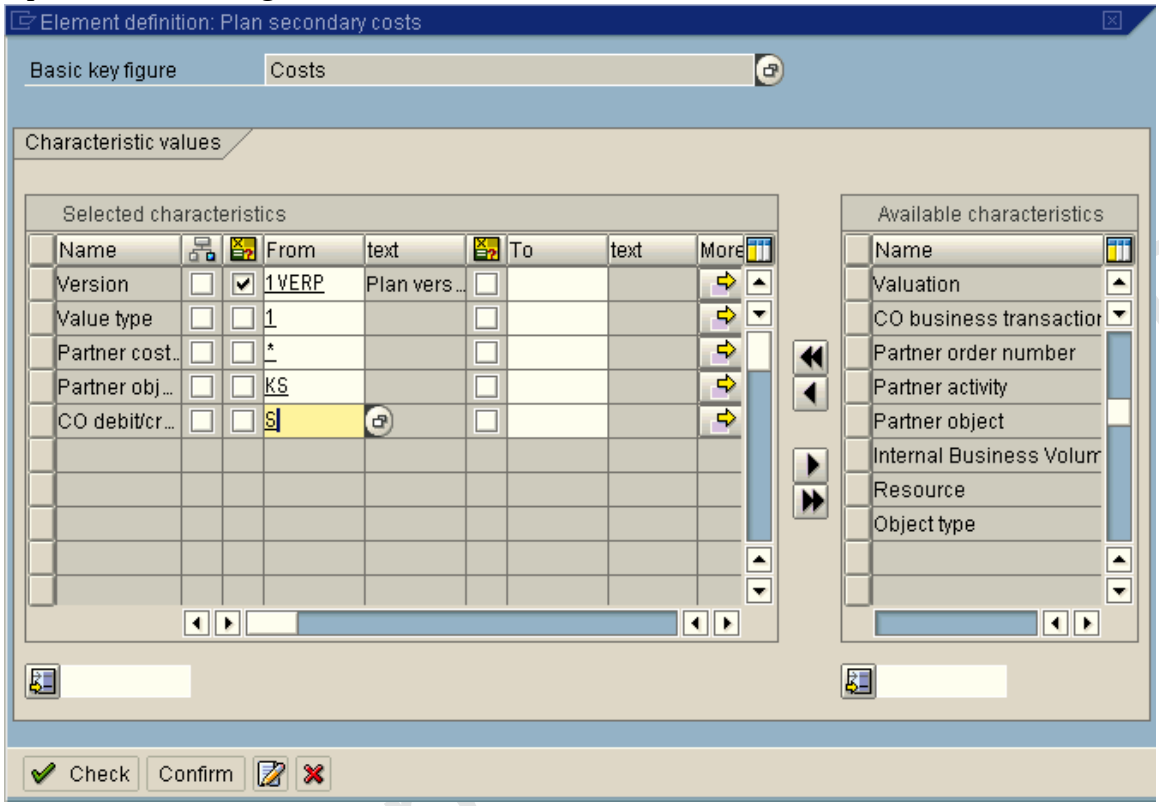

Element definition: Plan costs
Basic key figure
Costs
Characteristic values
Selected characteristics
Name
From
text
To
text
More
Version
1 VERP
Plan vers...
Value type
1
Available characteristics
Name
Cost center
Cost element
Order number
Work breakdown structu
Activity Type
Statistical key figure
Fiscal year
Period
Valuation
CO debit/credit indicator
Check
Confirm

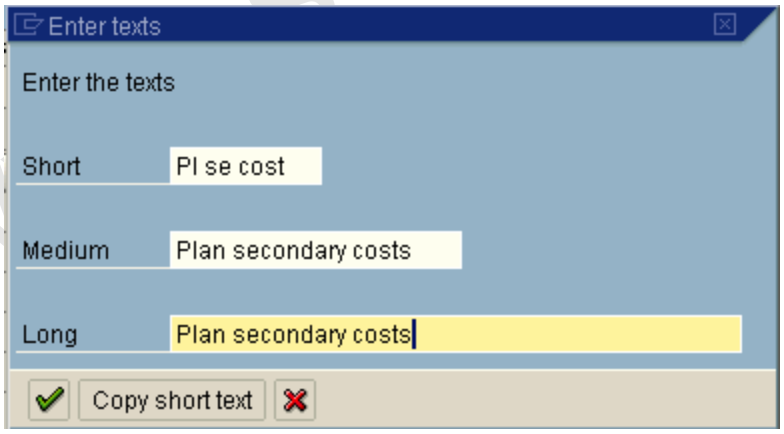

Element definition: Plan secondary costs
Basic key figure
Costs
Characteristic values
Selected characteristics
Name
From
text
To
text
More
Version
1 VERP
Plan vers...
Value type
1
Available characteristics
Name
Valuation
CO debit/credit indicator
CO business transactior
Partner cost center
Partner order number
Partner activity
Partner object
Partner object type
Internal Business Volum
Resource
Check
Confirm

Click

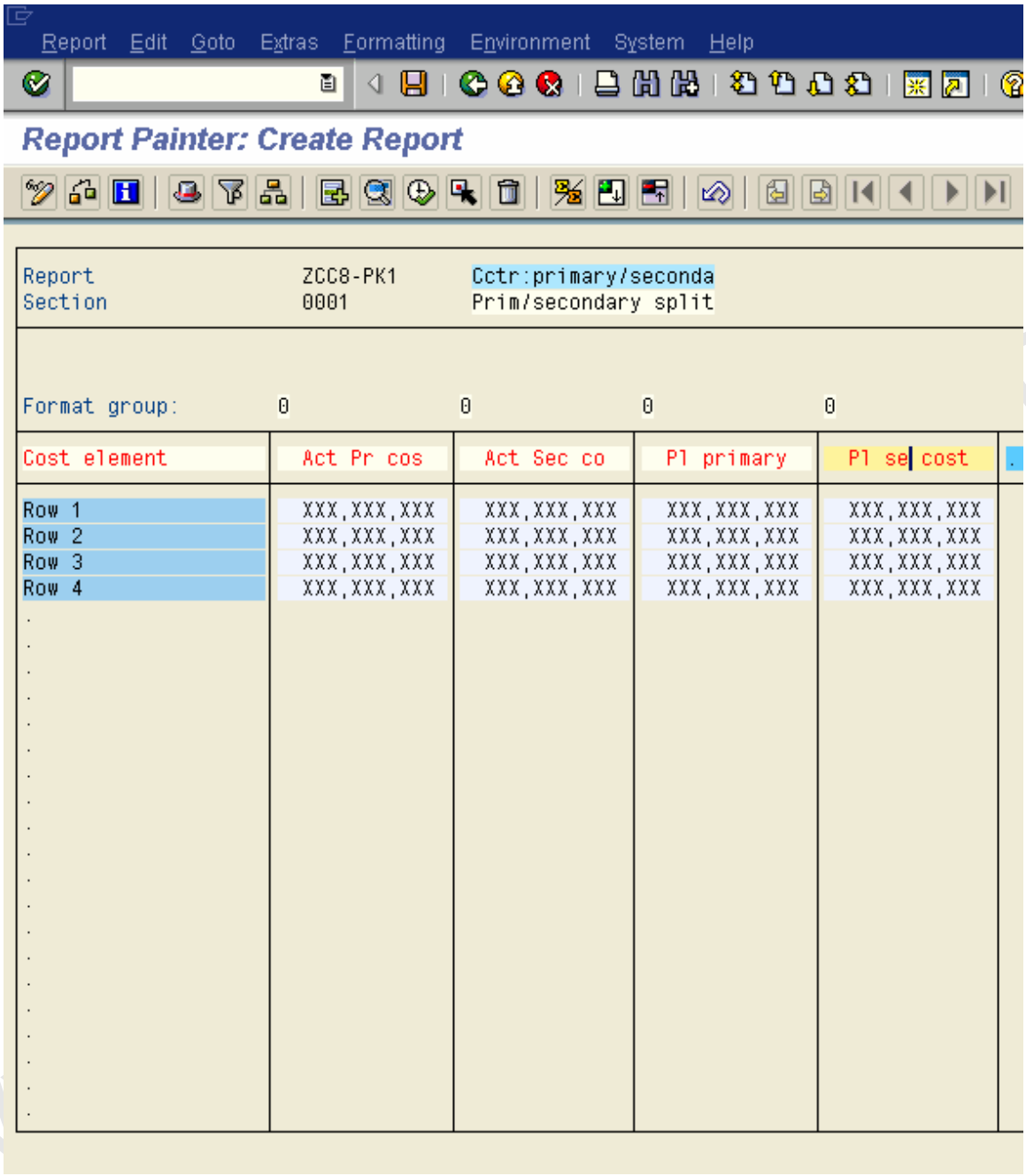
Update the following :-



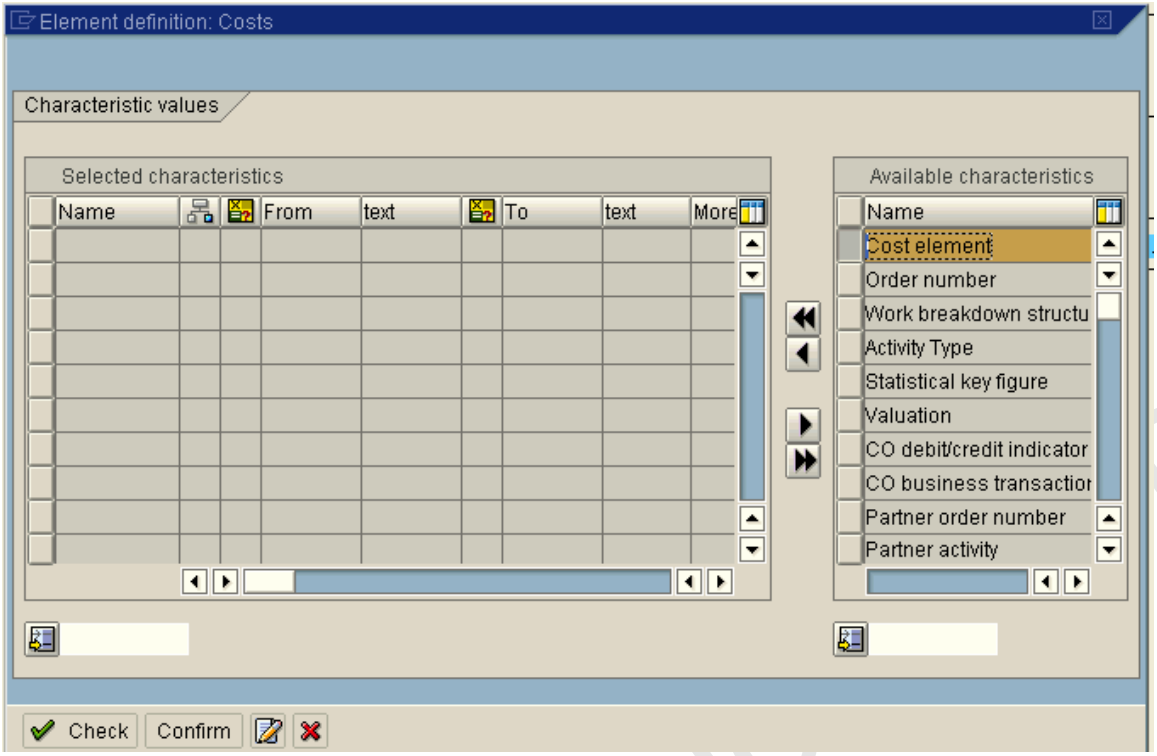
Click



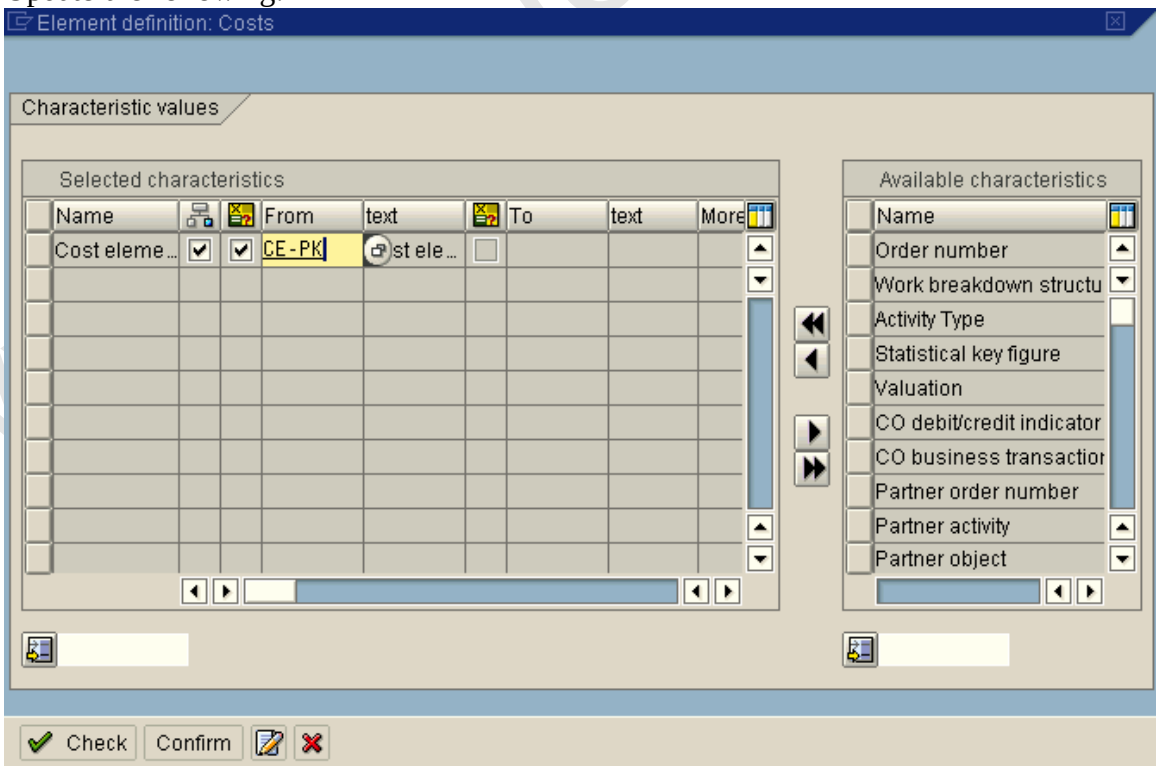
Click



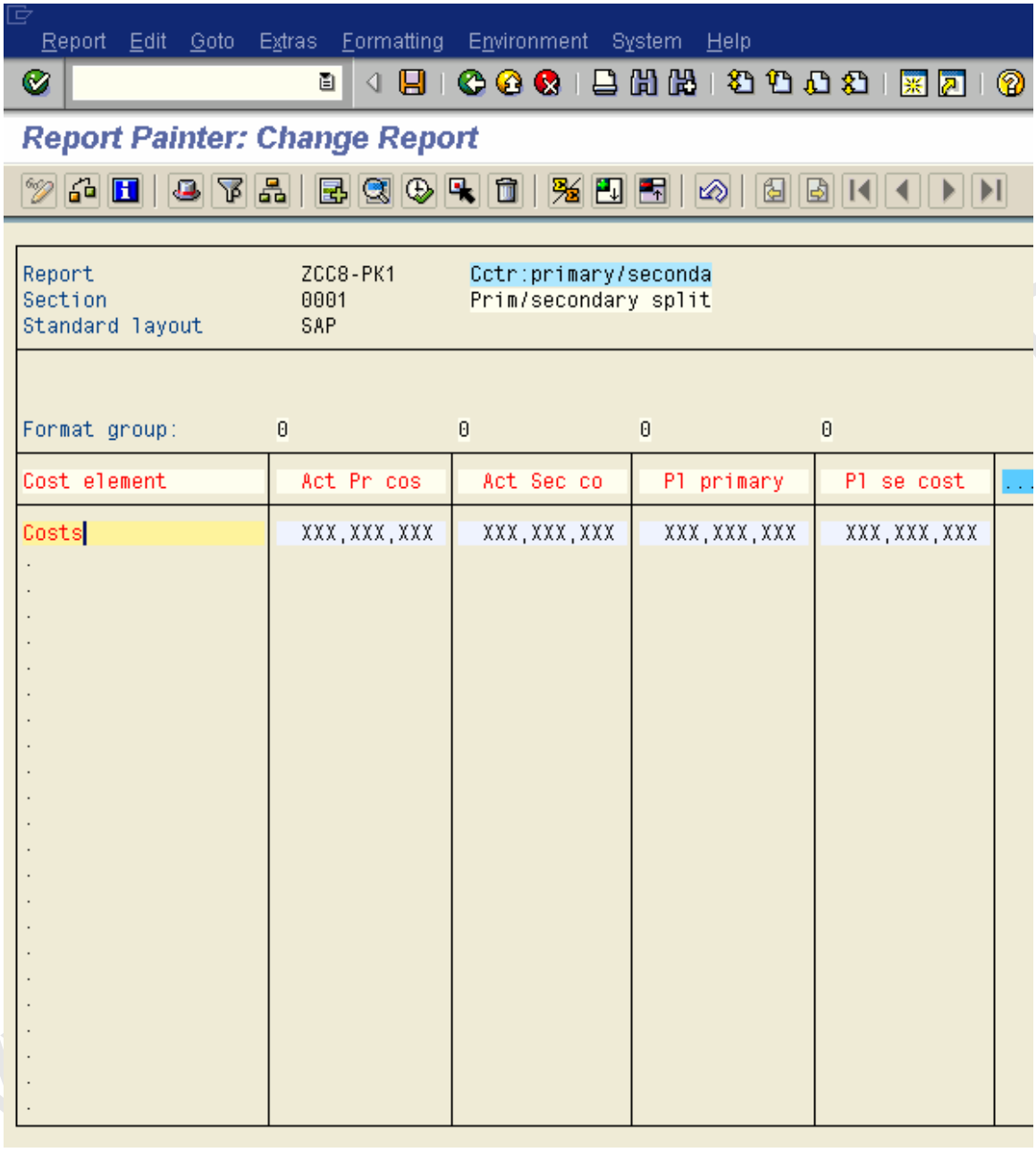
Double click Row 1



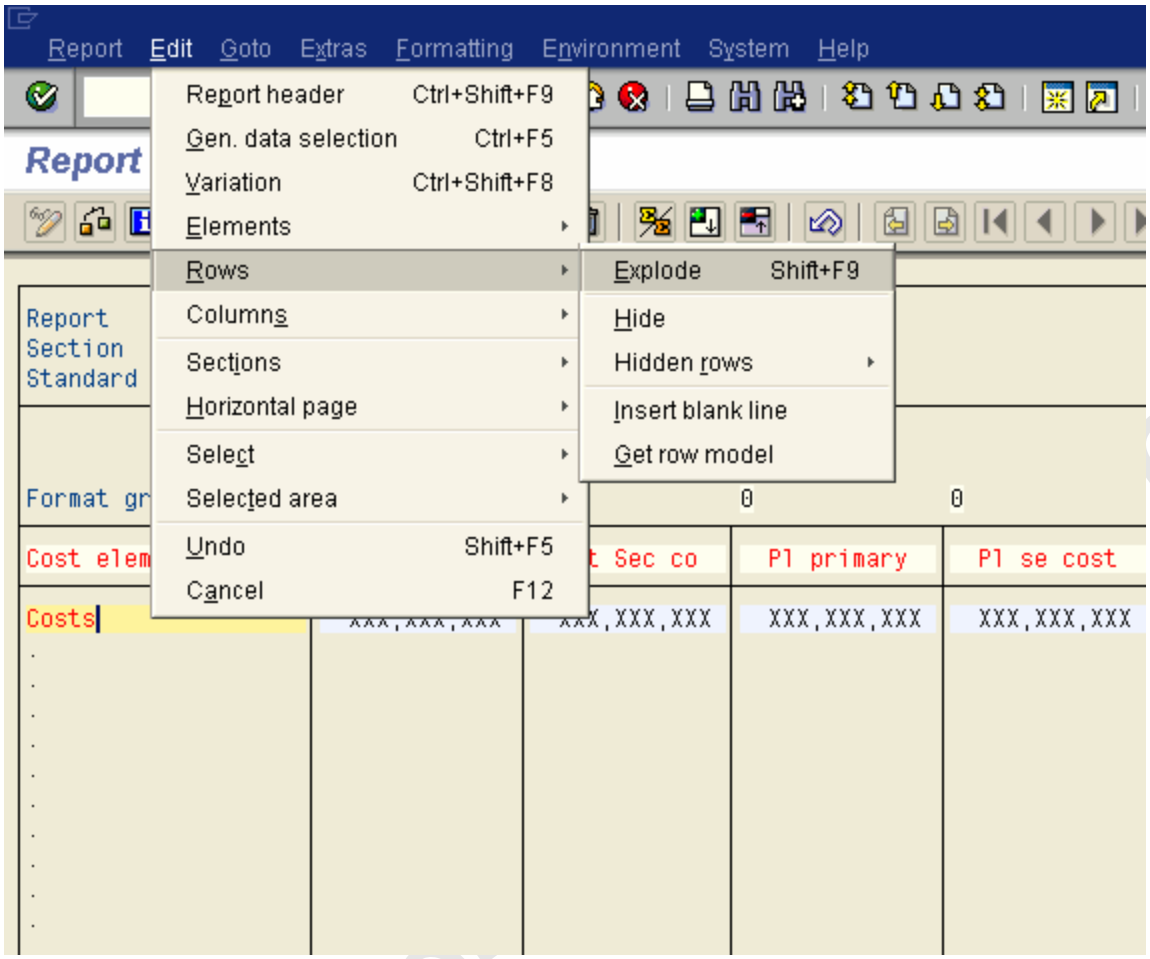
Update the following:-

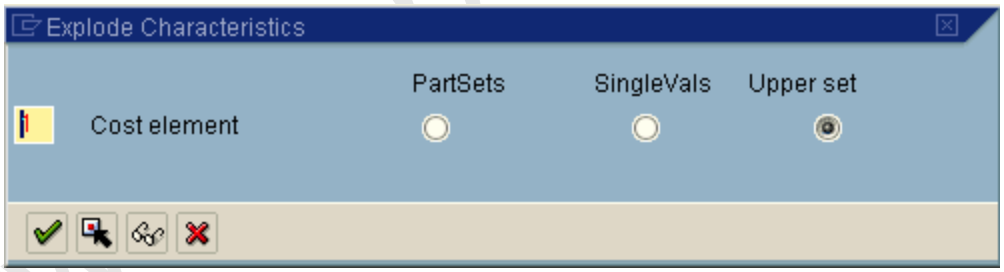


Click

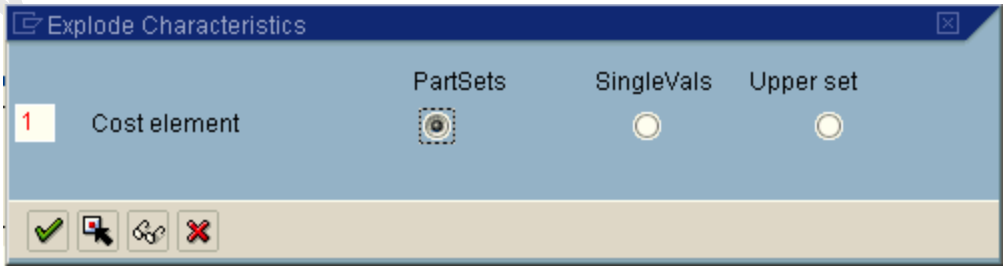


Position the cursor on

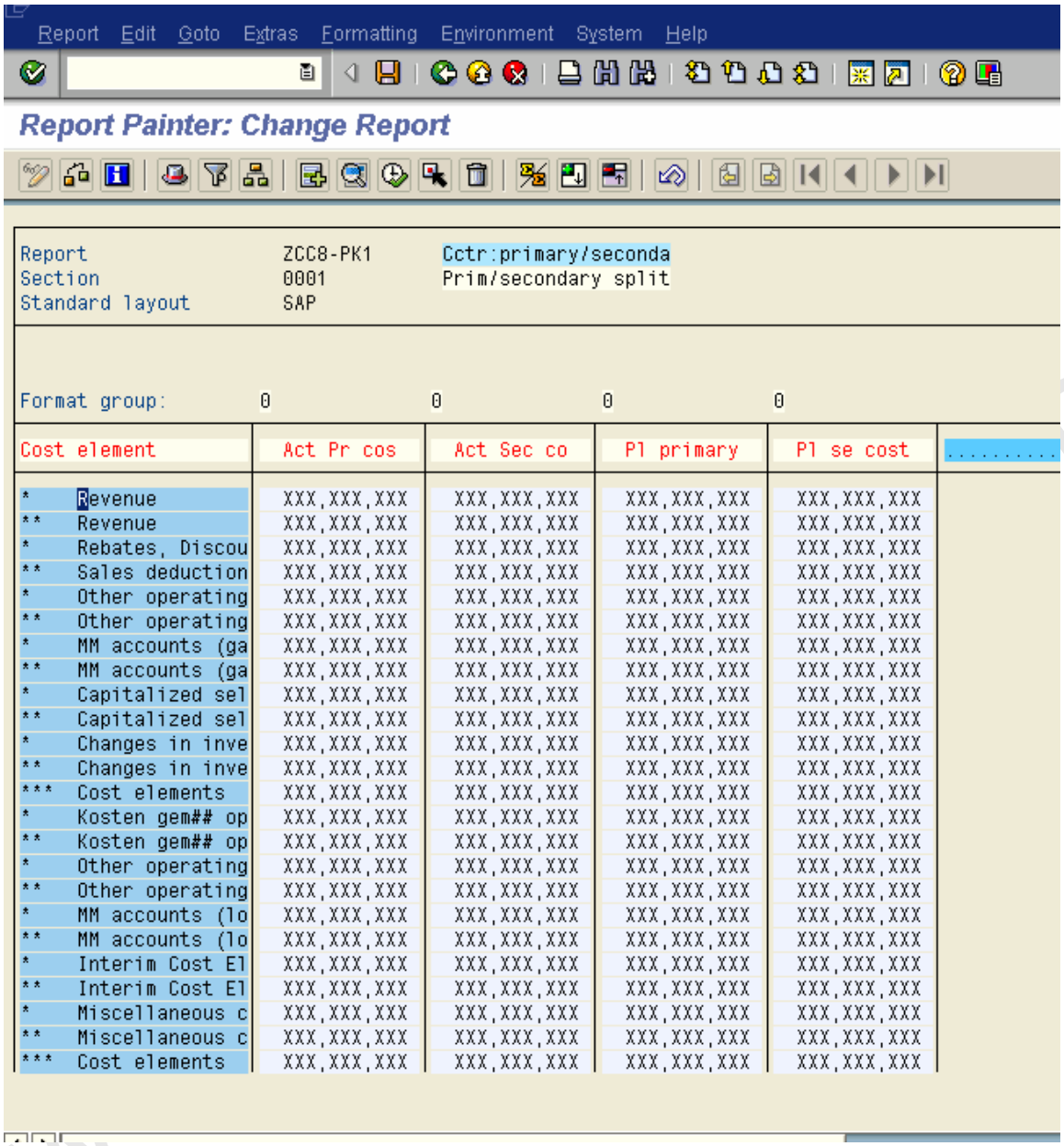




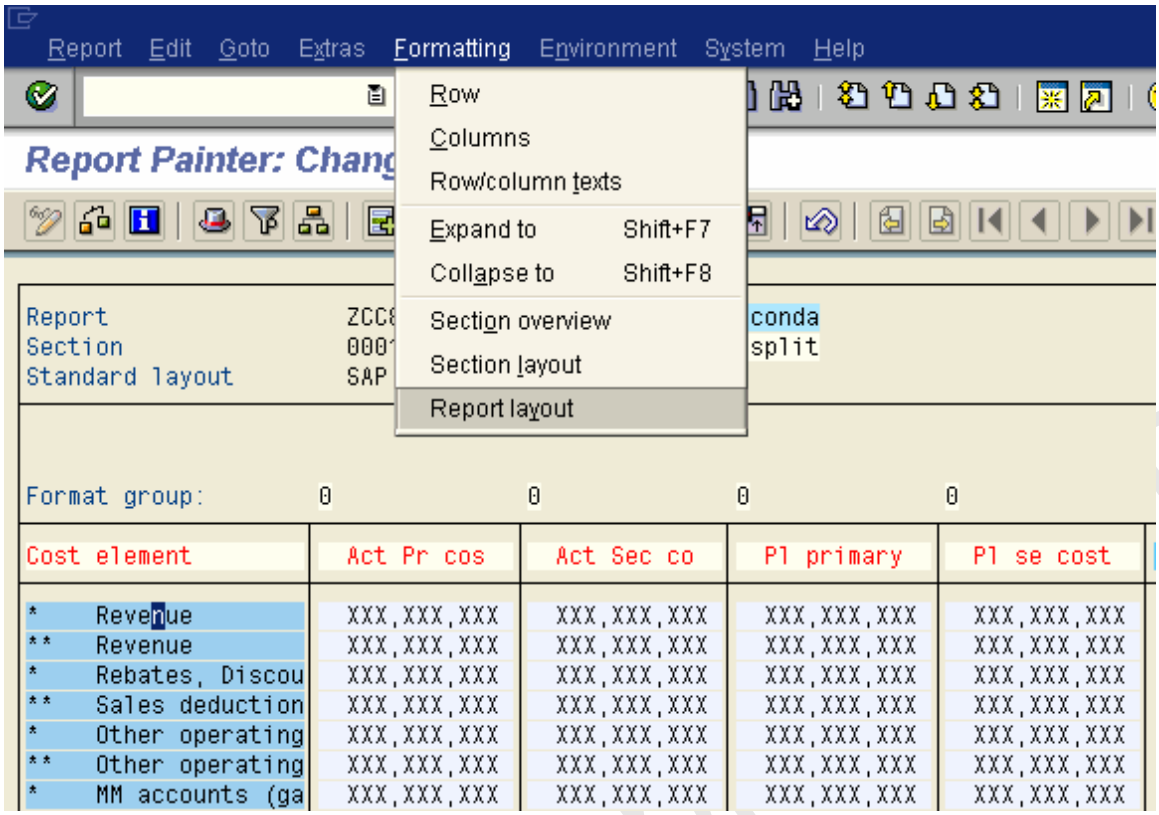
Select



Click



We need to change the column width


Report Edit Goto Extras Formatting Environment System Help
Row
Columns
Row/column texts
Expand to Shift+F7
Collapse to Shift+F8
Section overview
Section layout
Report layout
Report Painter: Chang
Report ZCC8 conda
Section 0001 split
Standard layout SAP
Format group: 0 0 0 0
Cost element
Act Pr cos
Act Sec co
Pl primary
Pl se cost
* Revenue XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX
** Revenue XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX
* Rebates, Discou XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX
** Sales deduction XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX
* Other operating XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX
** Other operating XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX
* MM accounts (ga XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX

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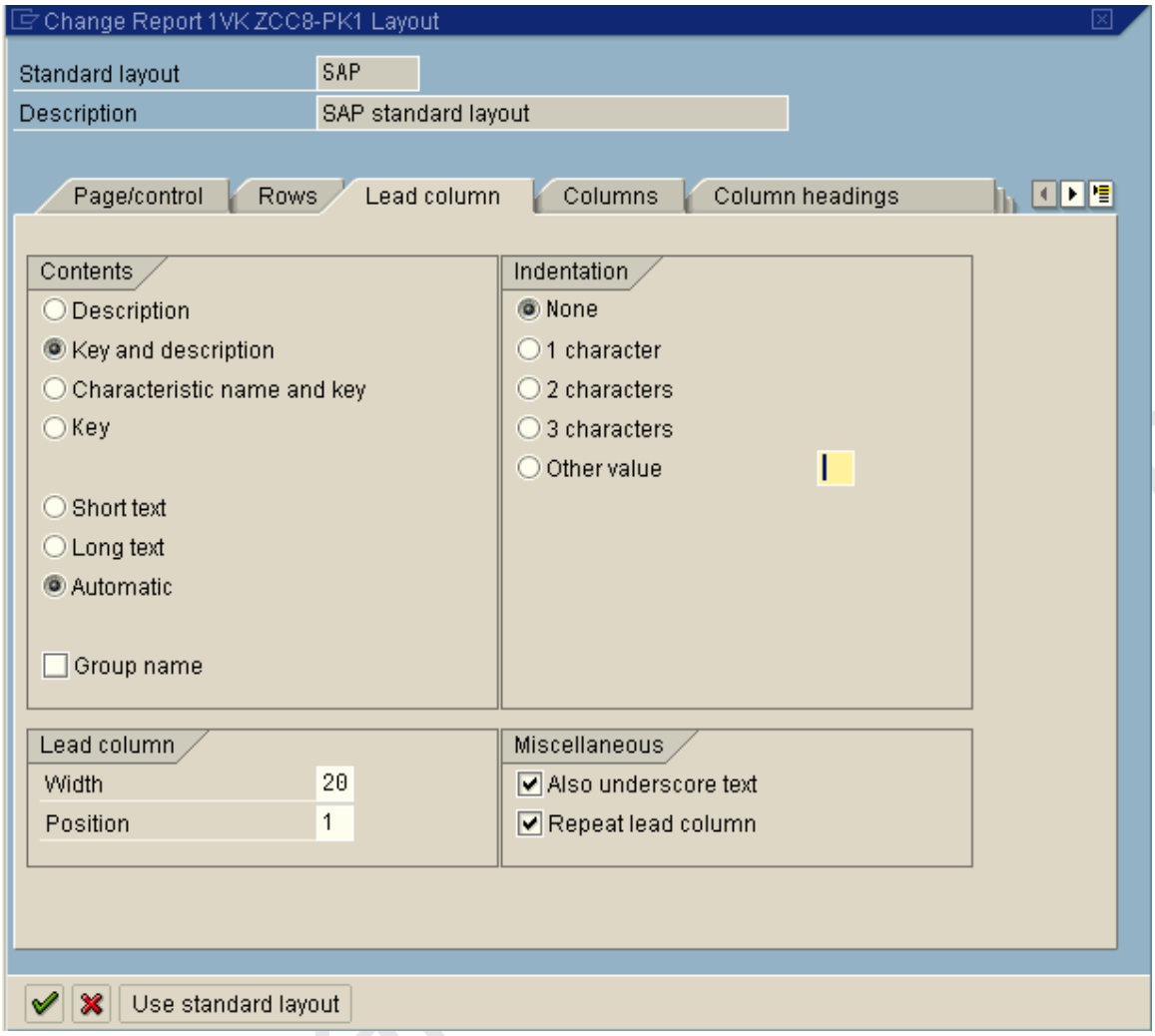

Change the Lead column width from 20 to 50

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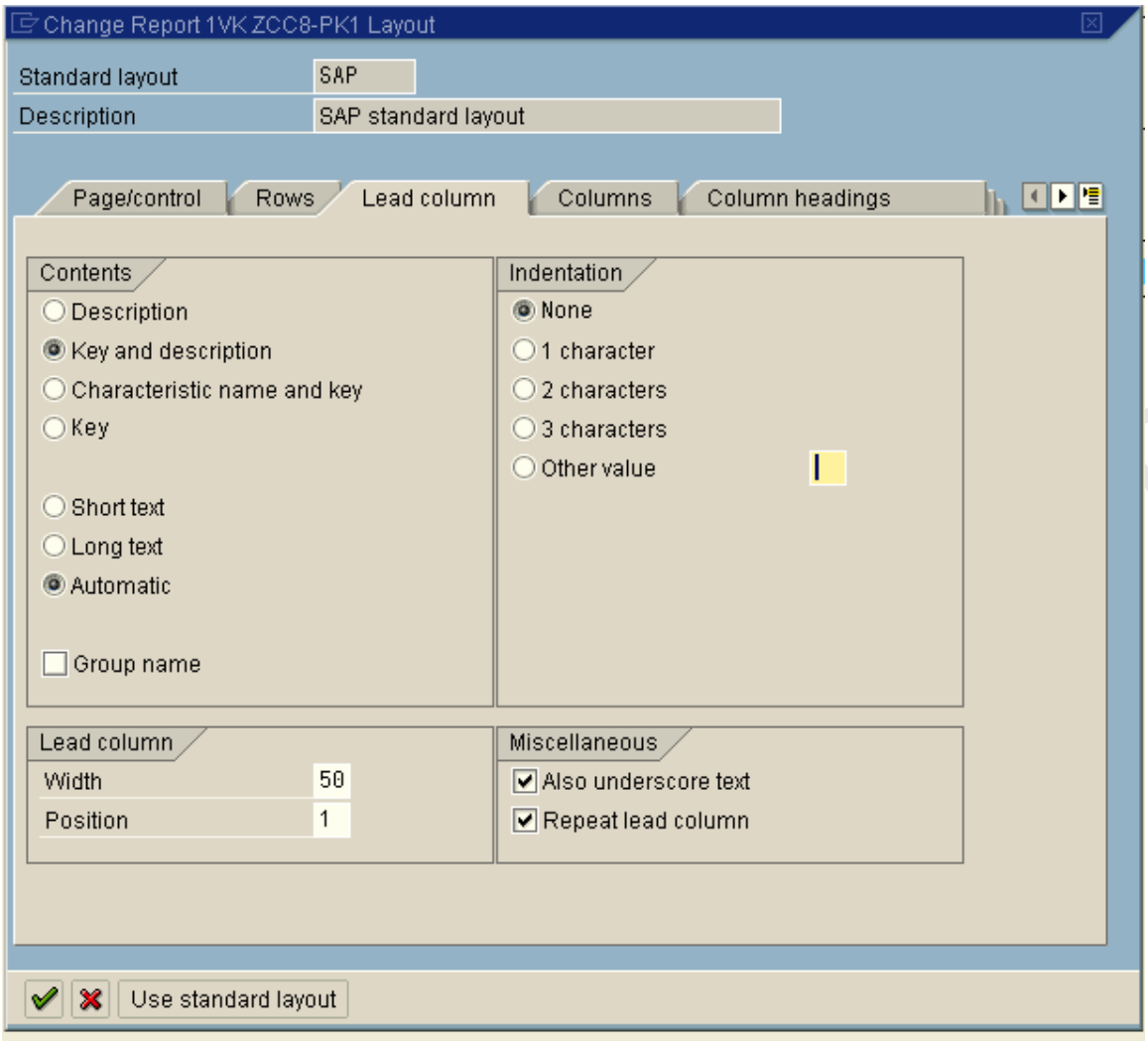
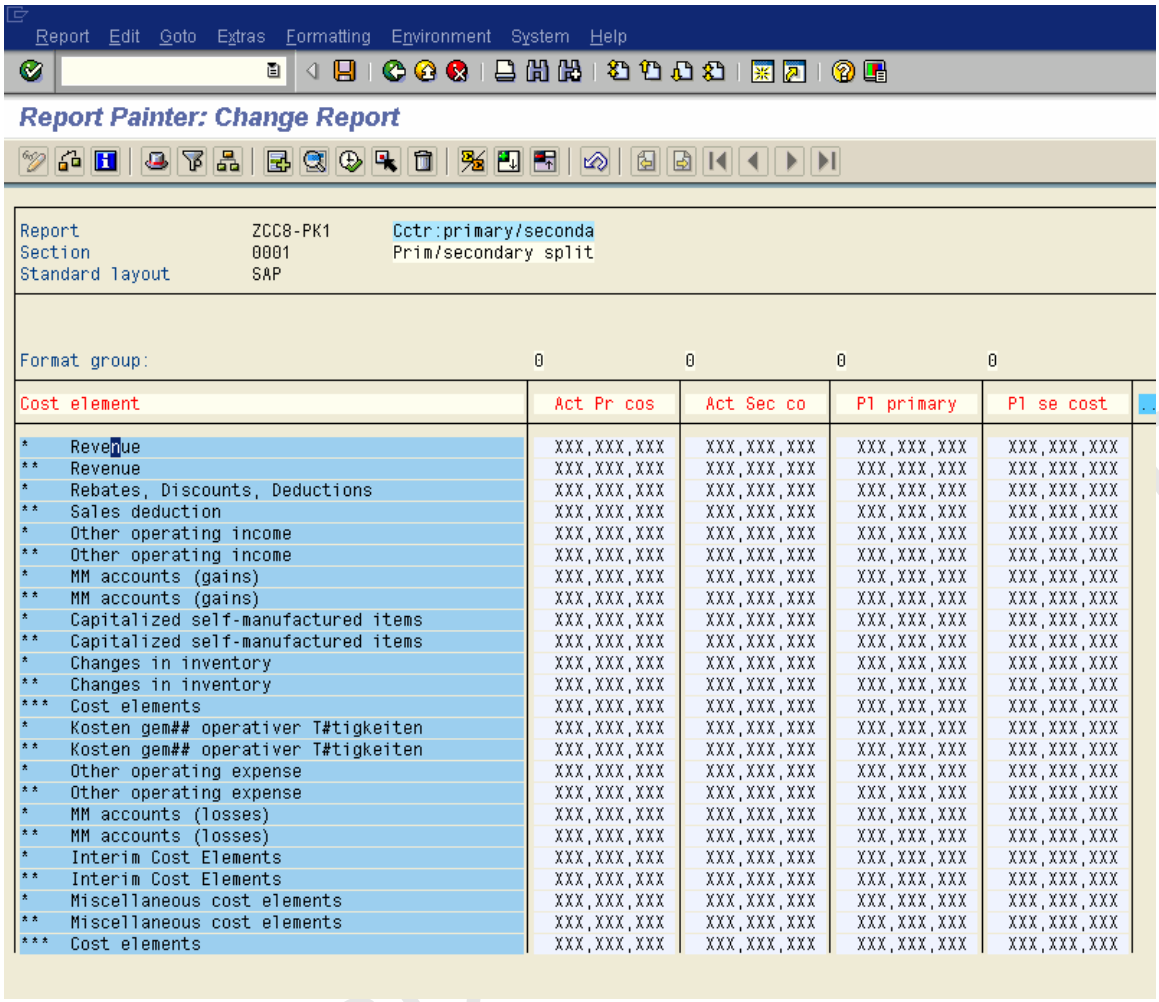

Change Report 1VK ZCC8-PK1 Layout
Standard layout
SAP
Description
SAP standard layout
Page/control
Rows
Lead column
Columns
Column headings
Contents
Description
Key and description
Characteristic name and key
Key
Short text
Long text
Automatic
Group name
Indentation
None
1 character
2 characters
3 characters
Other value
Lead column
Width
50
Position
1
Miscellaneous
Also underscore text
Repeat lead column
Use standard layout

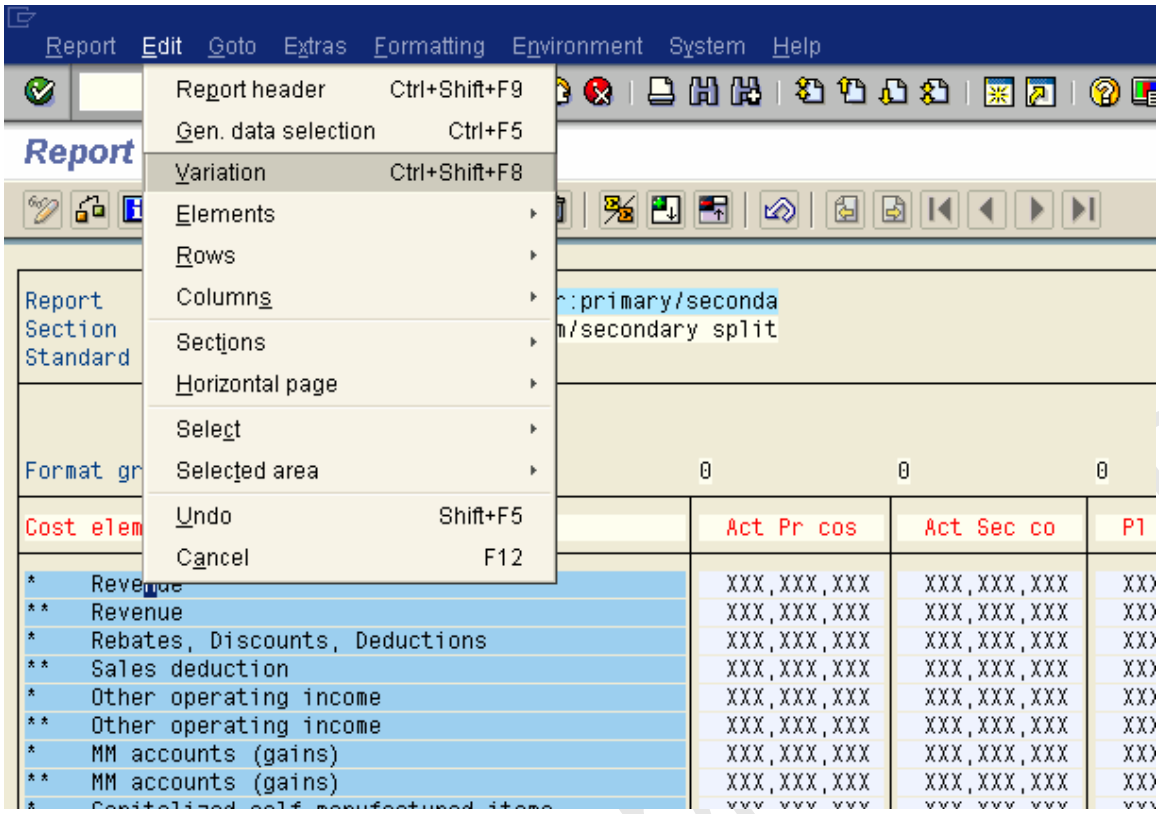
Click

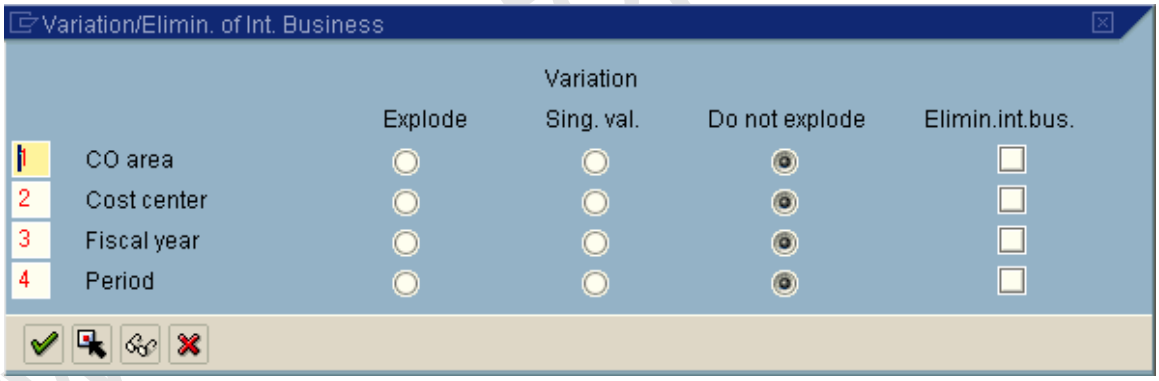
www.sa

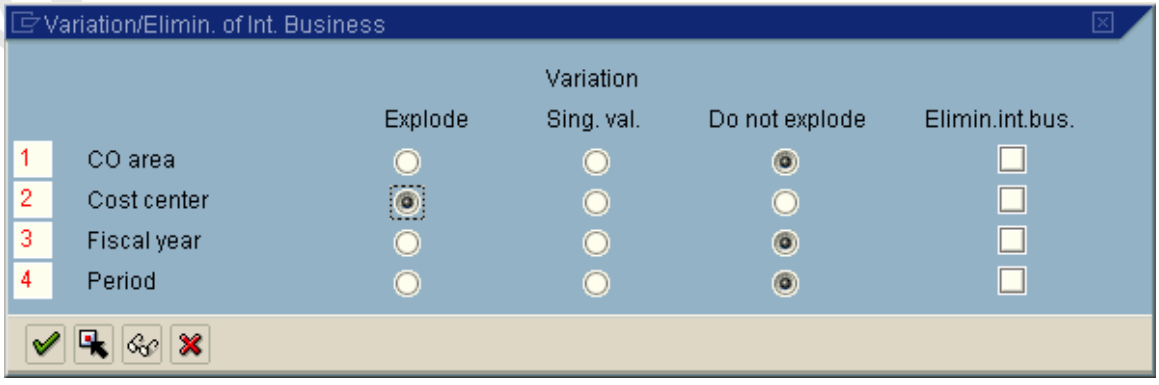


Further we want to see individual cost centers rather than as a group

www.sap


Report Edit Goto Extras Formatting Environment System Help
Report header Ctrl+Shift+F9
Gen. data selection Ctrl+F5
Variation Ctrl+Shift+F8
Elements
Rows
Columns
Sections
Horizontal page
Select
Selected area
Undo Shift+F5
Cancel F12
Report
Report
Section
Standard
Format gr
Cost elem
Act Pr cos
Act Sec co
* Revenue
** Revenue
* Rebates, Discounts, Deductions
** Sales deduction
* Other operating income
** Other operating income
* MM accounts (gains)
** MM accounts (gains)

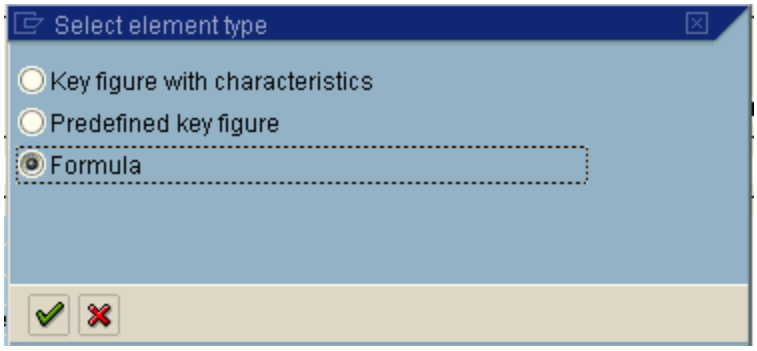

Variation/Elimin. of Int. Business
Variation
Explode
Sing. val.
Do not explode
Elimin.int.bus.
1 CO area
2 Cost center
3 Fiscal year
4 Period

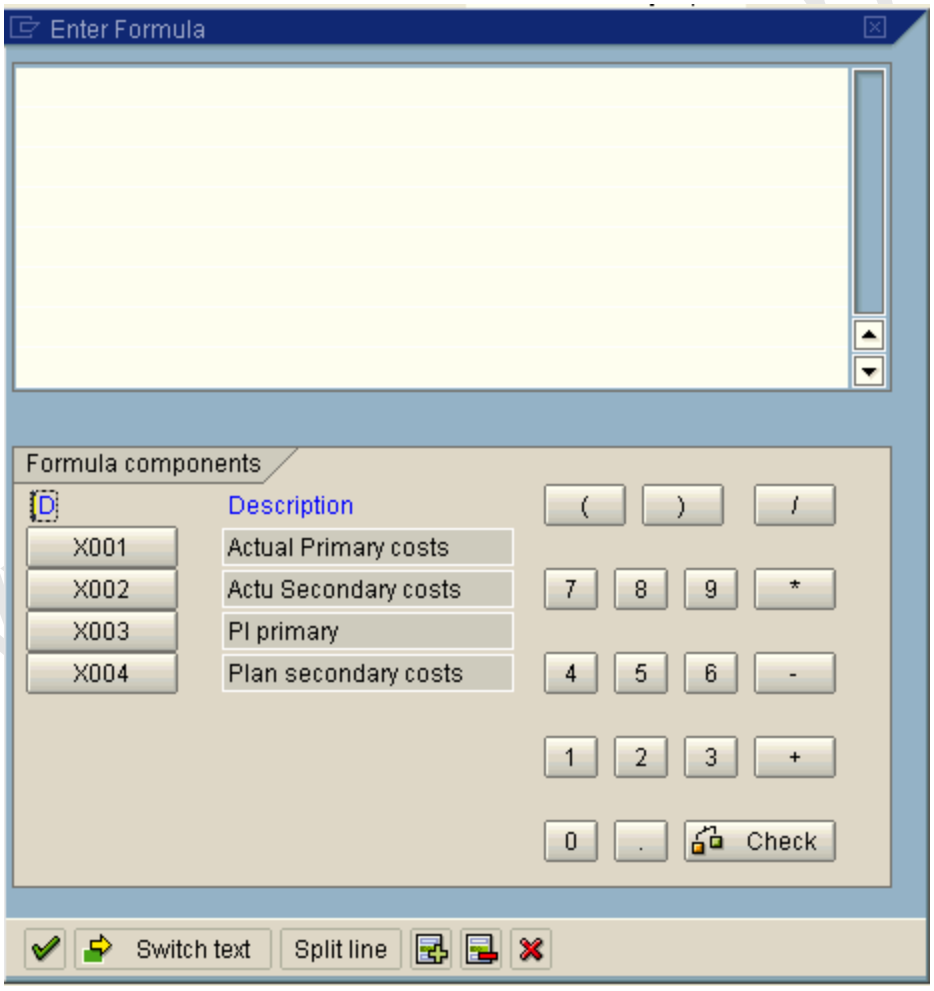

Variation/Elimin. of Int. Business
Variation
Explode
Sing. val.
Do not explode
Elimin.int.bus.
1 CO area
2 Cost center
3 Fiscal year
4 Period

Click

We want to add variance % columns for Primary cost (actual/plan) and Secondary costs(actual/plan).

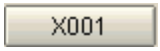
Double click





Click

Again Click

Click 

Click

Click

Click

Click

Click

Click

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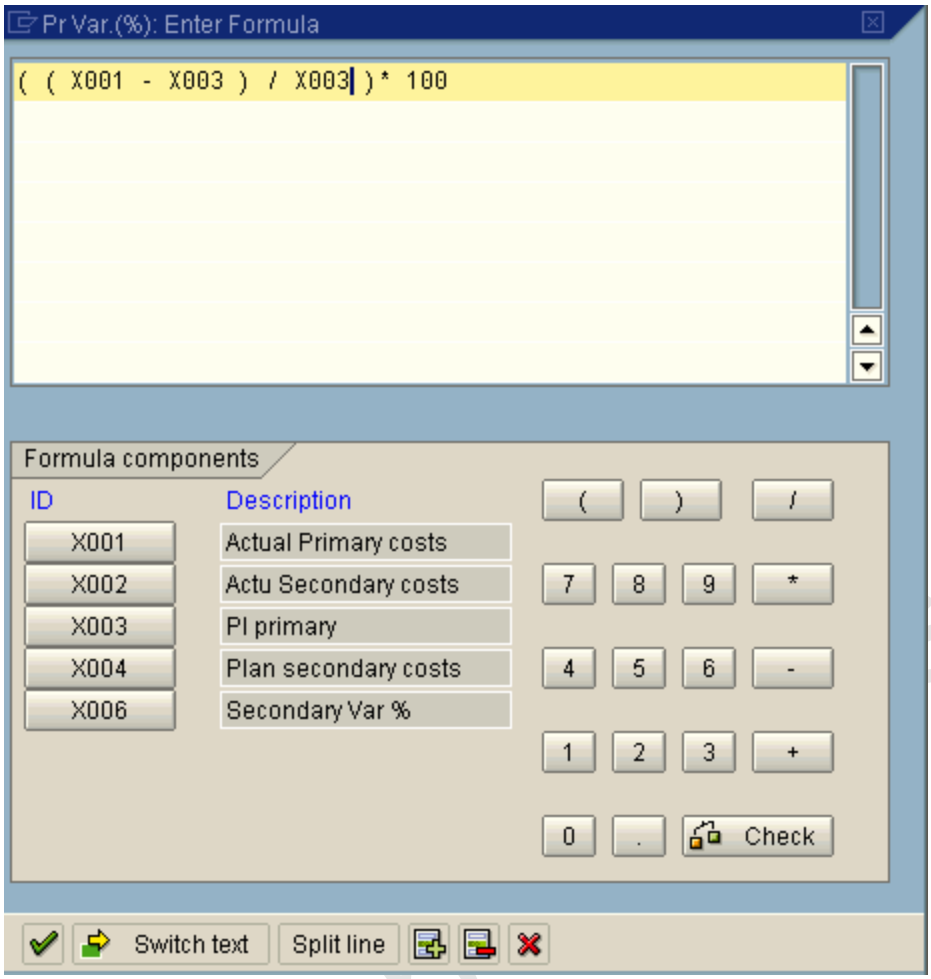
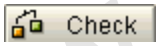


You can even manually enter the above formula

Click 

Click

Update the following:-

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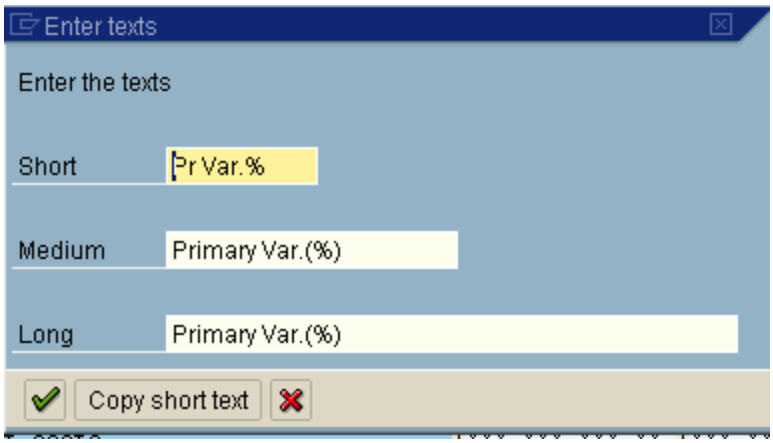
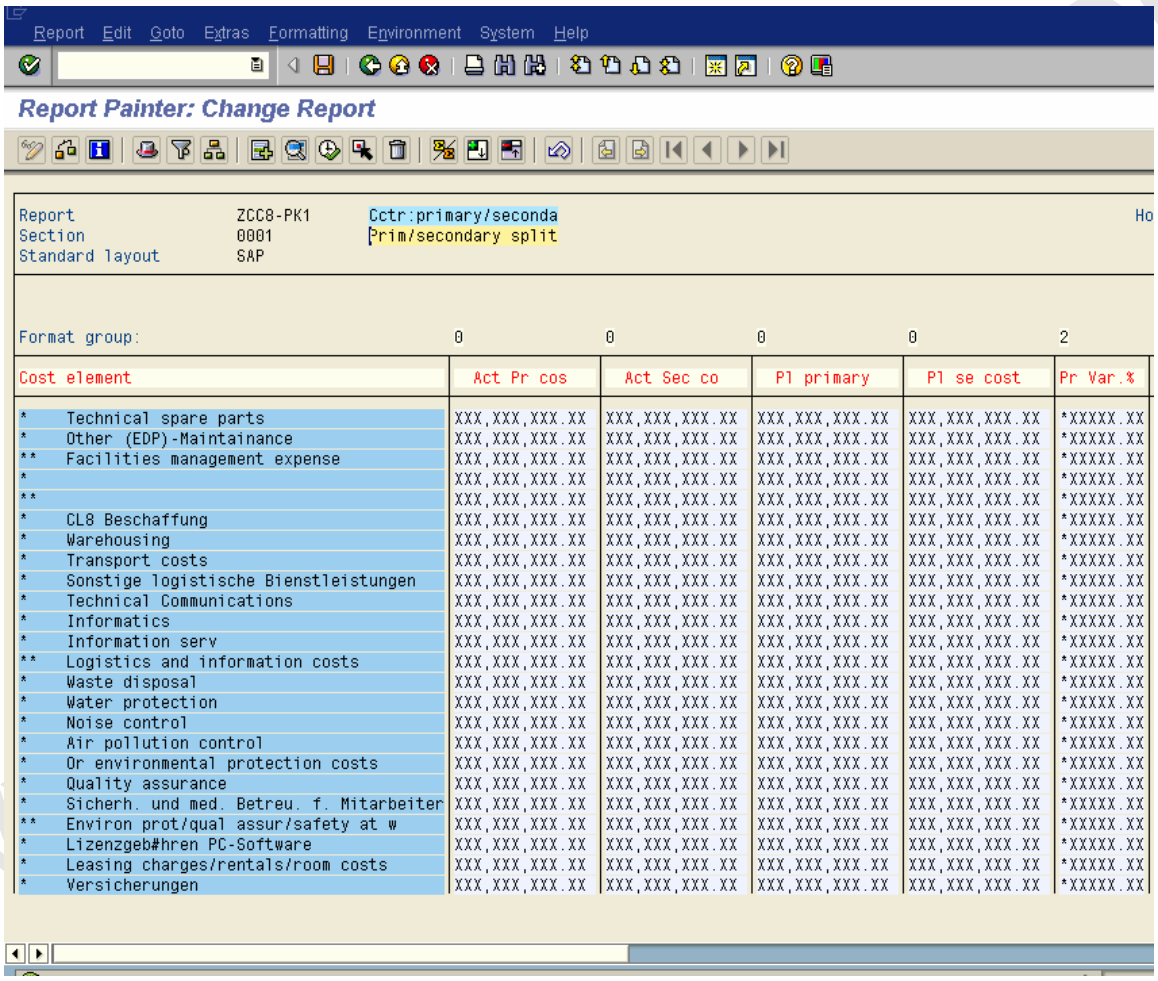
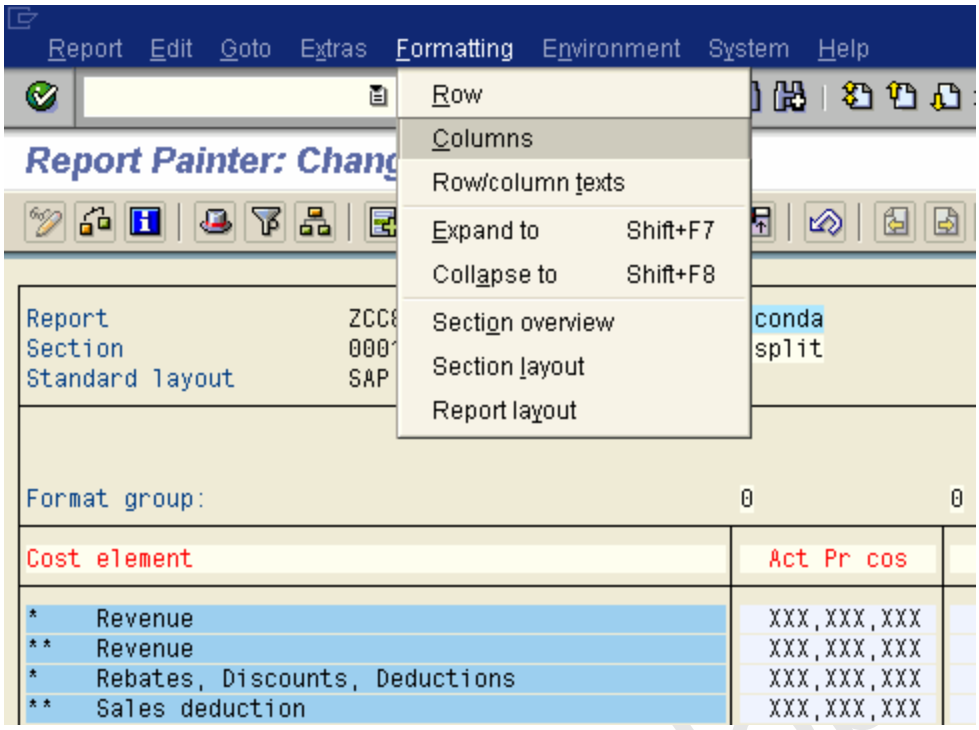
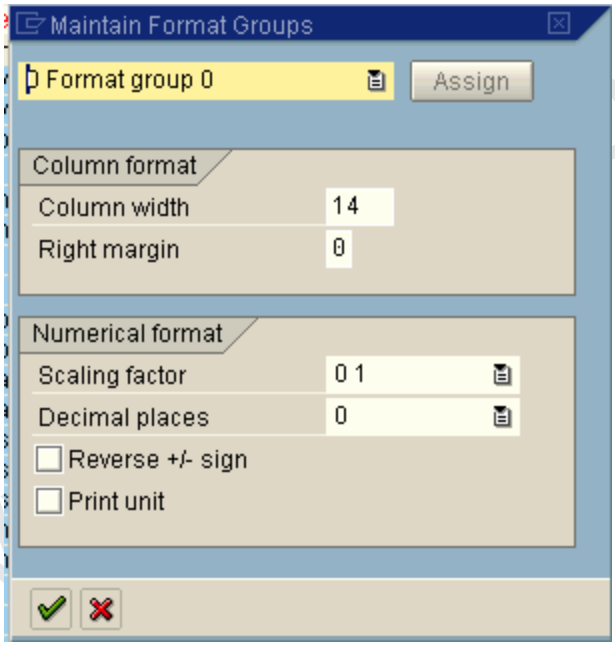




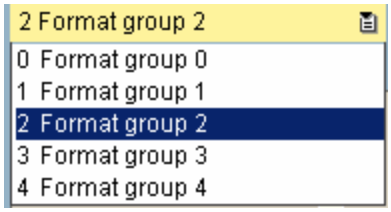
Position the cursor on Pr Var.%

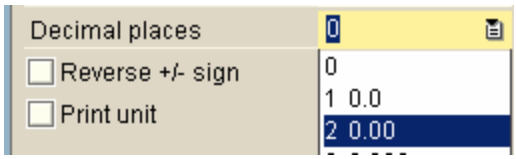
Click

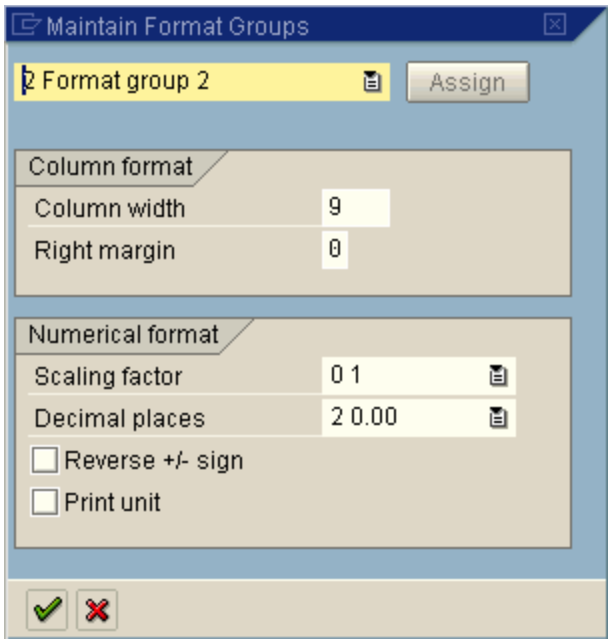

Report Edit Goto Extras Formatting Environment System Help
Row
Columns
Row/column texts
Expand to Shift+F7
Collapse to Shift+F8
Section overview
Section layout
Report layout
Report Painter: Chang
Report
Section
Standard layout
SAP
conda
split
Format group: 0 0
Cost element
Act Pr cos
* Revenue XXX,XXX,XXX
** Revenue XXX,XXX,XXX
* Rebates, Discounts, Deductions XXX,XXX,XXX
** Sales deduction XXX,XXX,XXX


Maintain Format Groups
0 Format group 0
Assign
Column format
Column width 14
Right margin 0
Numerical format
Scaling factor 0 1
Decimal places 0
Reverse +/- sign
Print unit

Select


2 Format group 2
0 Format group 0
1 Format group 1
2 Format group 2
3 Format group 3
4 Format group 4

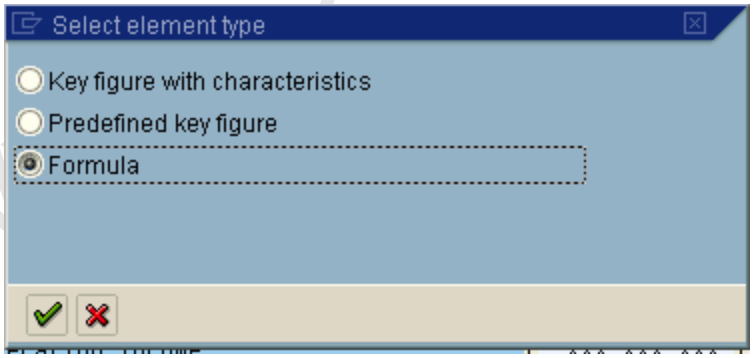




Click

Click

Double click



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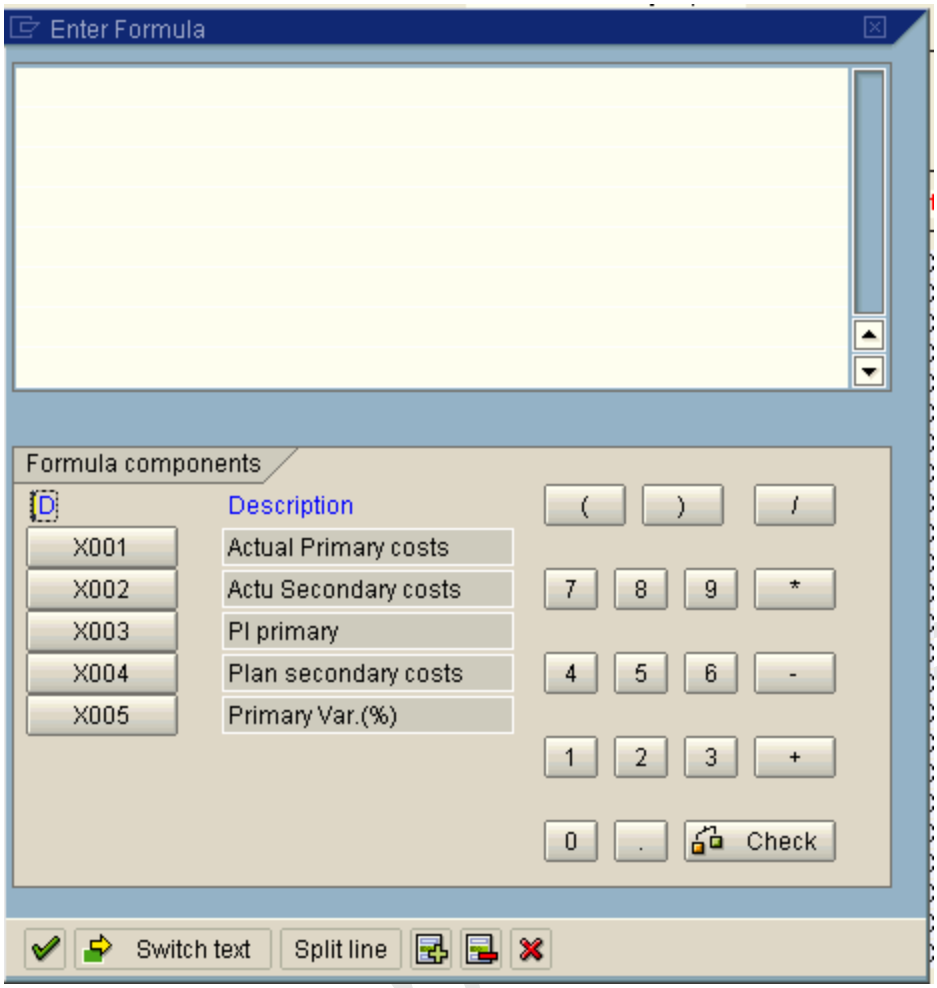
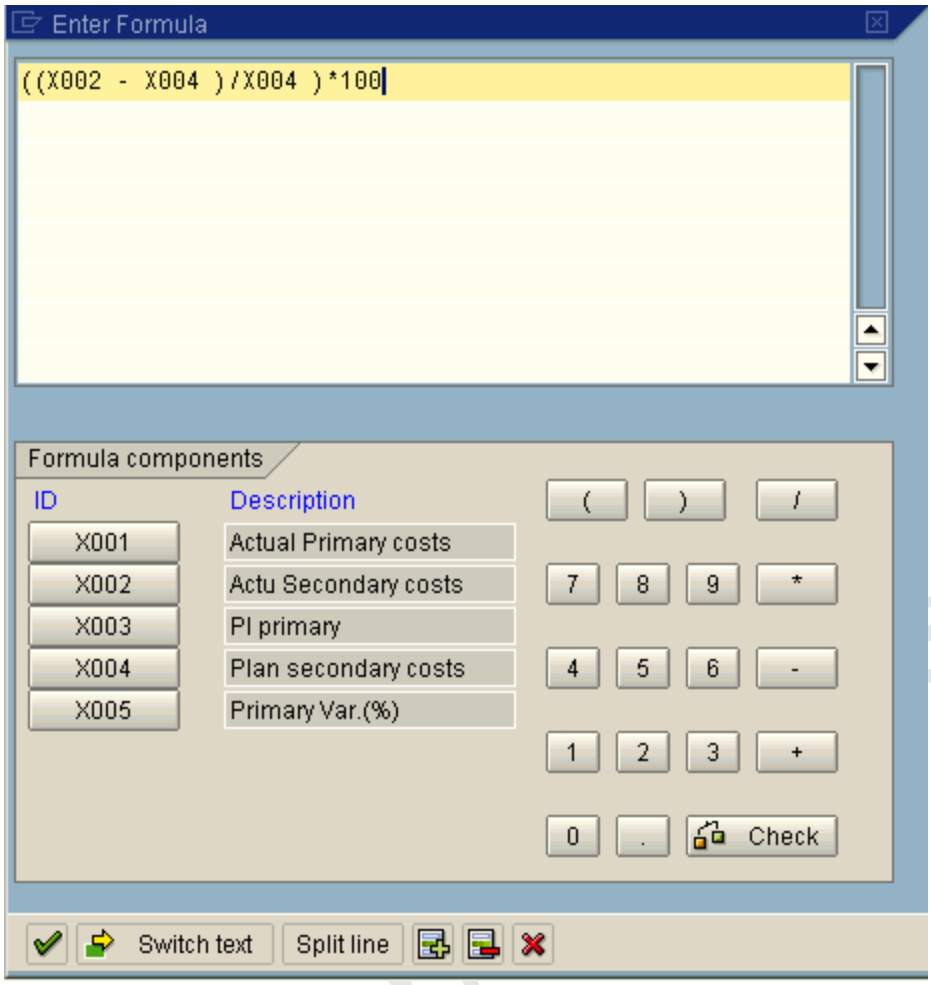


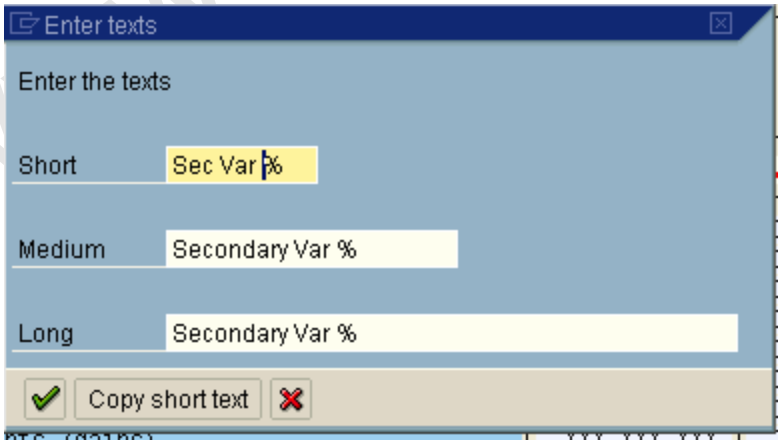
Let us type in manually now

www.sap

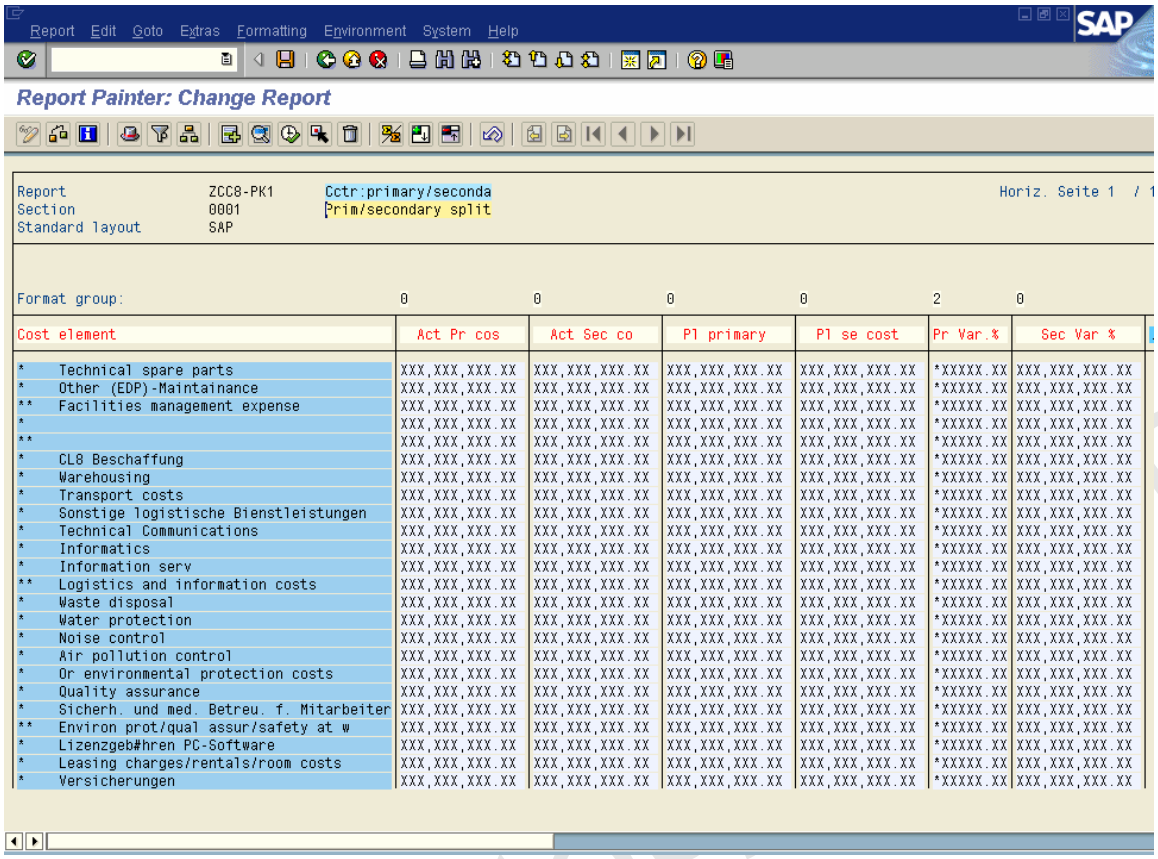


Click

Update the following:-

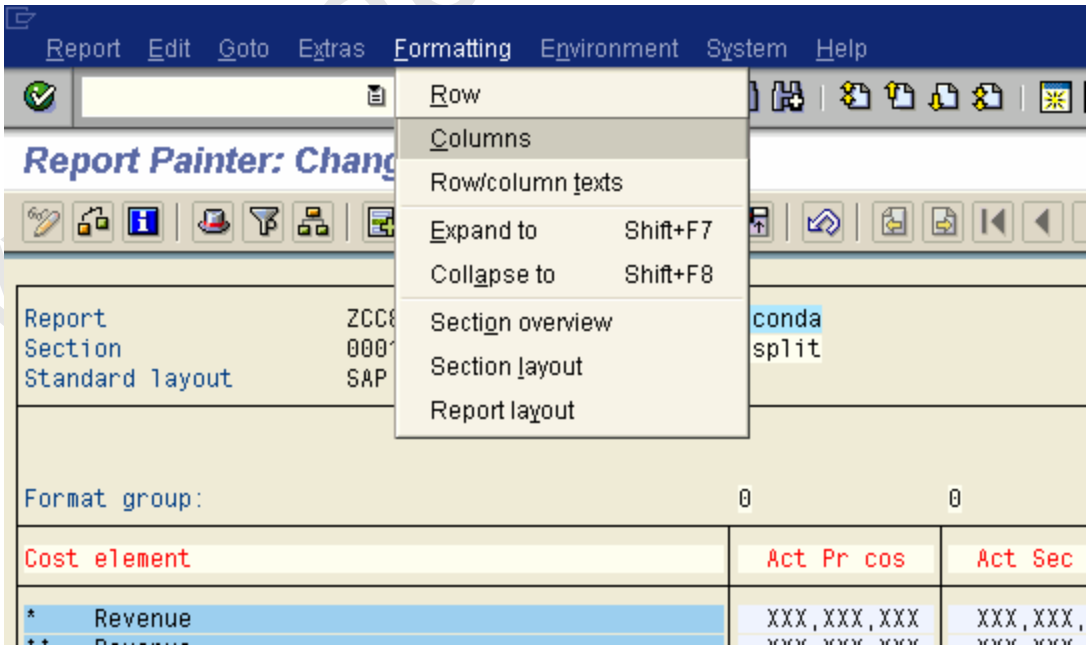


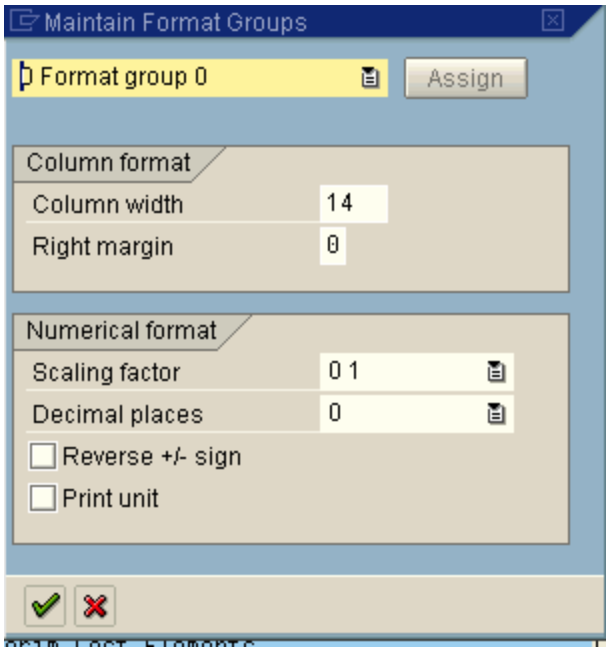
www.sapfans.com

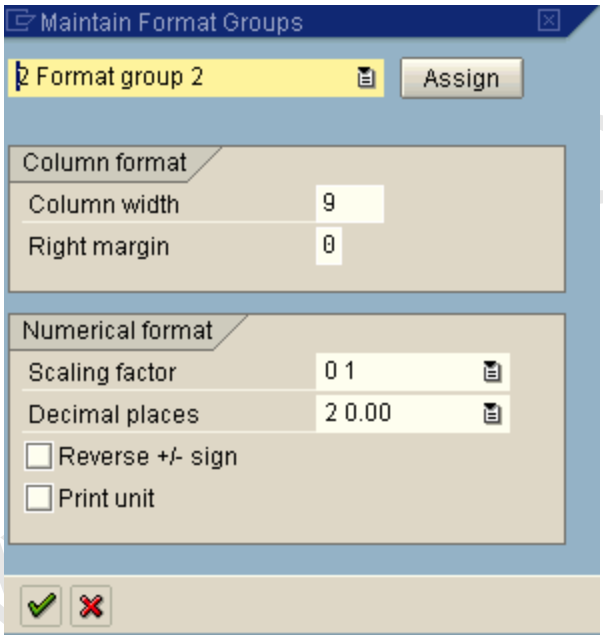


Now position the cursor on Sec Var %

Click







Click Assign

Click

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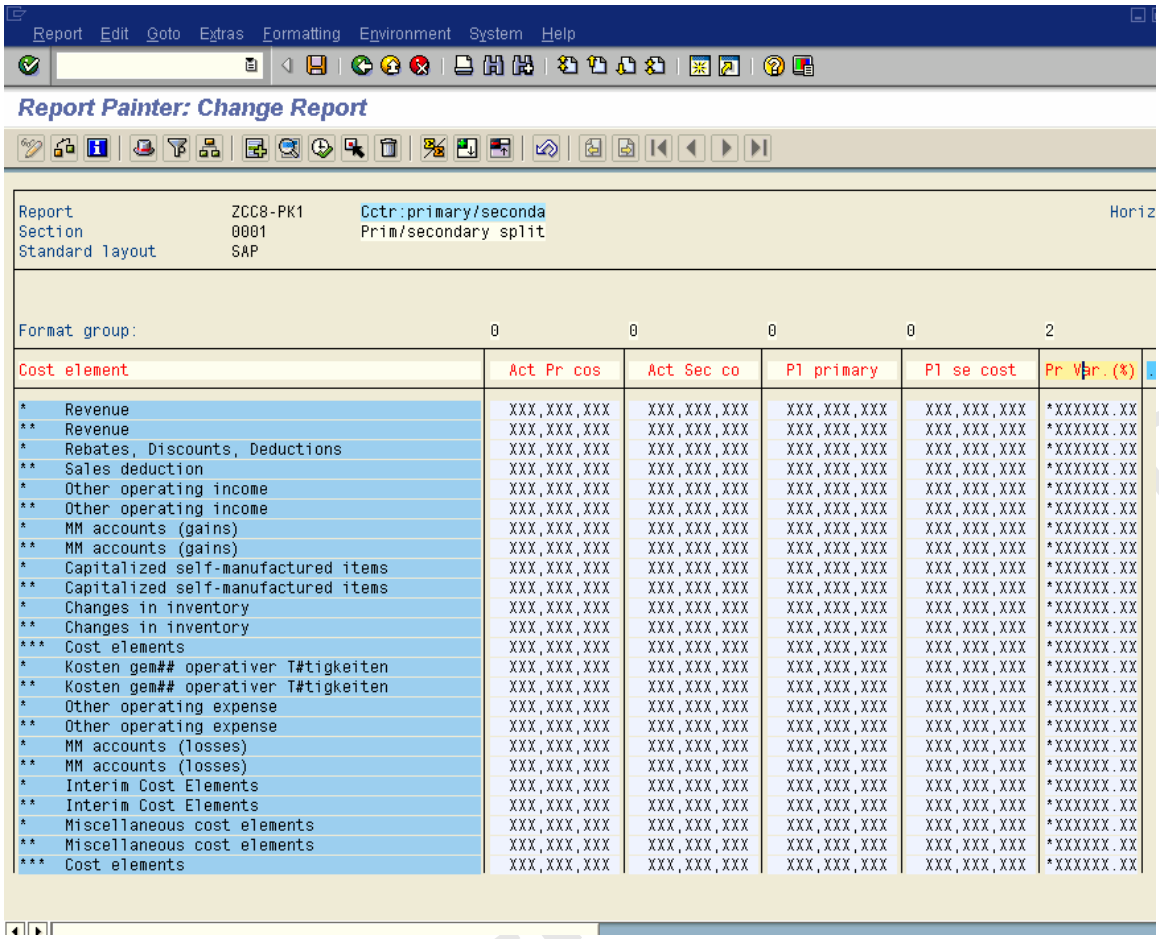
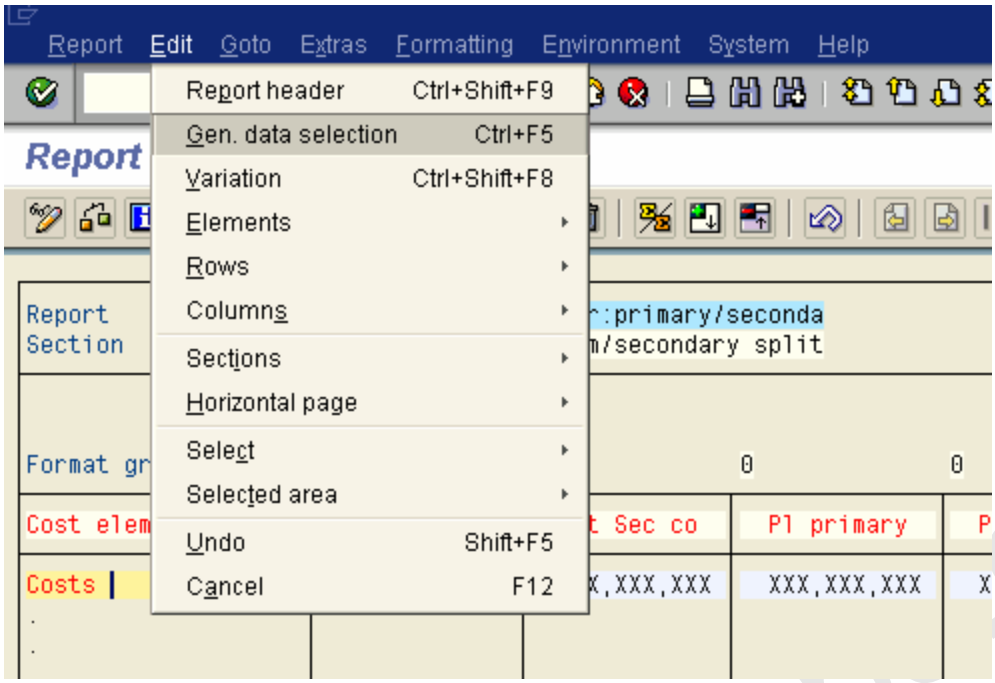
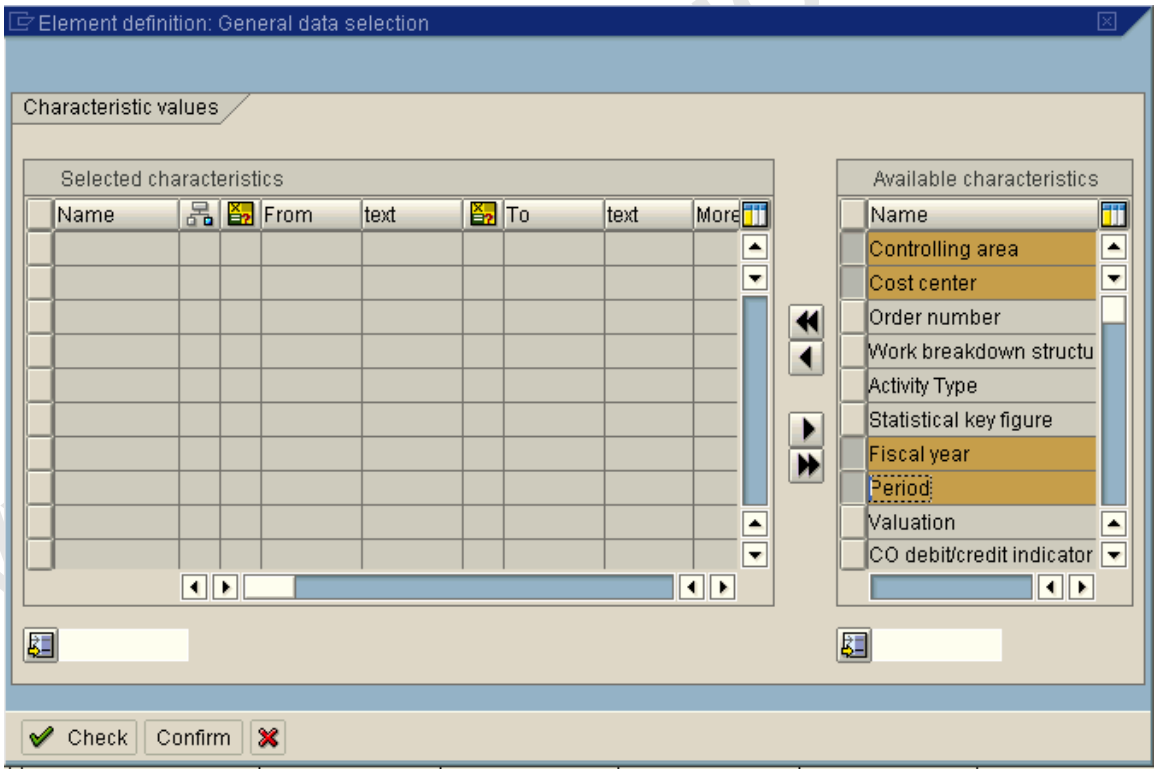
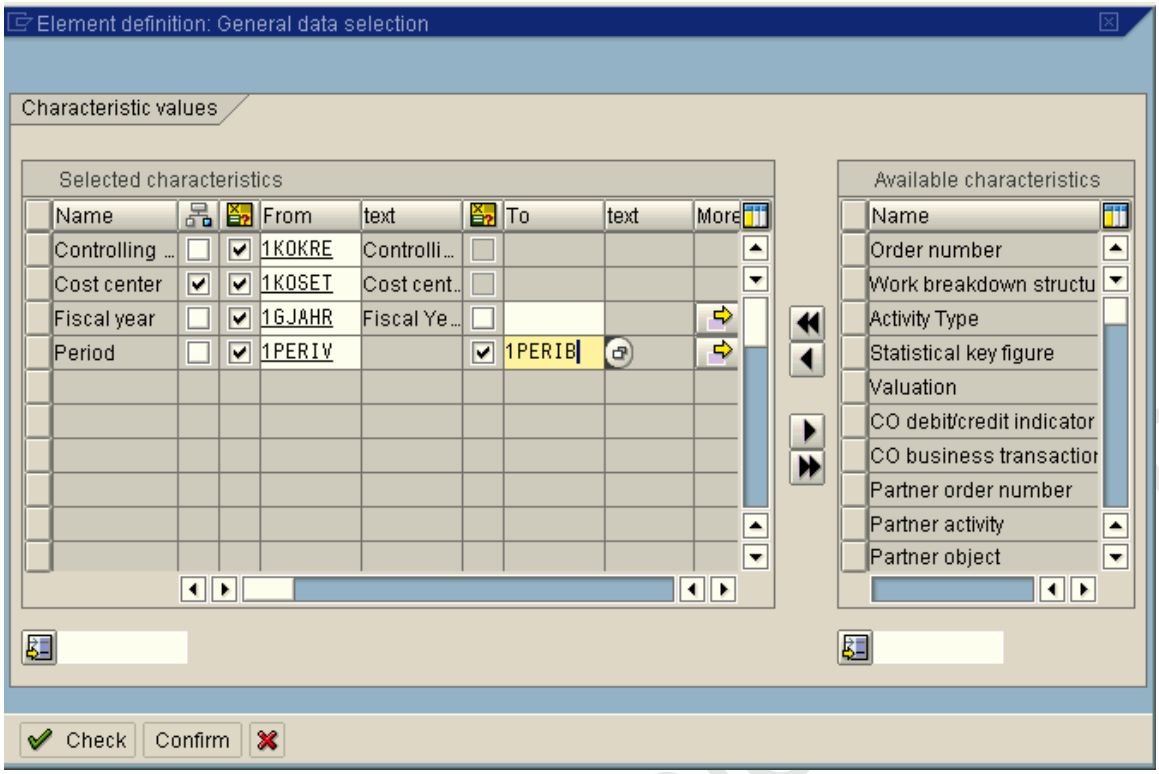

Report Edit Goto Extras Formatting Environment System Help
Report Painter: Change Report
Report ZCC8-PK1 Cctr:primary/seconda Horiz
Section 0001 Prim/secondary split
Standard layout SAP
Format group: 0 0 0 0 2
Cost element | Act Pr cos | Act Sec co | Pl primary | Pl se cost | Pr Var.(%)
* Revenue XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
** Revenue XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
* Rebates, Discounts, Deductions XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
** Sales deduction XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
* Other operating income XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
** Other operating income XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
* MM accounts (gains) XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
** MM accounts (gains) XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
* Capitalized self-manufactured items XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
** Capitalized self-manufactured items XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
* Changes in inventory XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
** Changes in inventory XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
*** Cost elements XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
* Kosten gem## operativer T#tigkeiten XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
** Kosten gem## operativer T#tigkeiten XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
* Other operating expense XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
** Other operating expense XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
* MM accounts (losses) XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
** MM accounts (losses) XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
* Interim Cost Elements XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
** Interim Cost Elements XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
* Miscellaneous cost elements XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
** Miscellaneous cost elements XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX
*** Cost elements XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX XXX,XXX,XXX *XXXXXX.XX

www.sap-


Report Edit Goto Extras Formatting Environment System Help
Report header Ctrl+Shift+F9
Gen. data selection Ctrl+F5
Variation Ctrl+Shift+F8
Elements
Rows
Columns
Sections
Horizontal page
Select
Selected area
Undo Shift+F5
Cancel F12
Report
Report Section
Format gr
Cost elem
Costs
Sec co
Pl primary


Element definition: General data selection
Characteristic values
Selected characteristics
Name
From
text
To
text
More
Available characteristics
Name
Controlling area
Cost center
Order number
Work breakdown structu
Activity Type
Statistical key figure
Fiscal year
Period
Valuation
CO debit/credit indicator
Check
Confirm

Click



Confirm

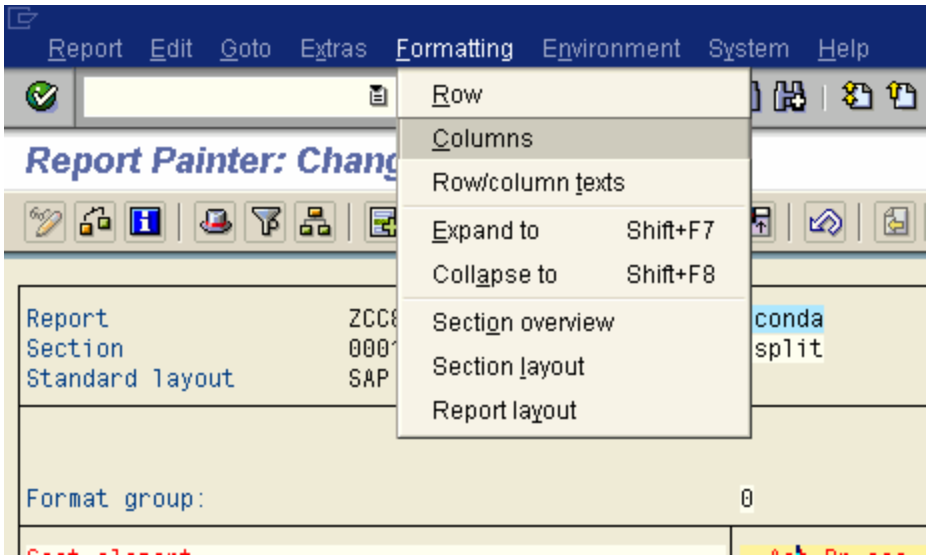
Click

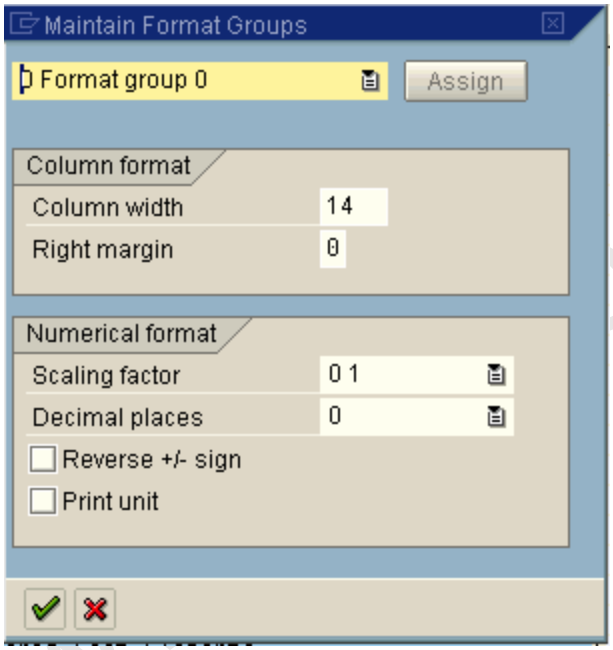
Click

Position cursor on Act Pr cos

Click

www.sap-topjob.com





Change to following

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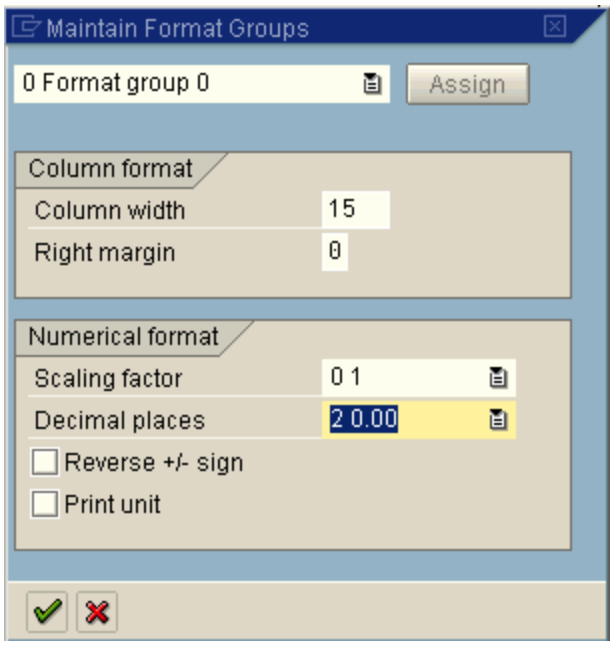
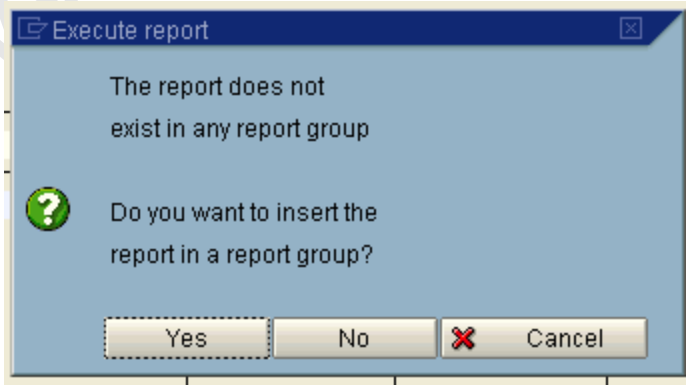


The report created need to be inserted in a report group:-
You can create a report group through transaction code GR51 – Create or you can directly create from here

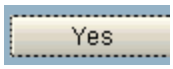
Report group incorporate all the reports within a library that access similar data but format these data differently.
All reports within a report group are executed at the same time, thus giving you opportunity to jump between individual reports within the report display screen.

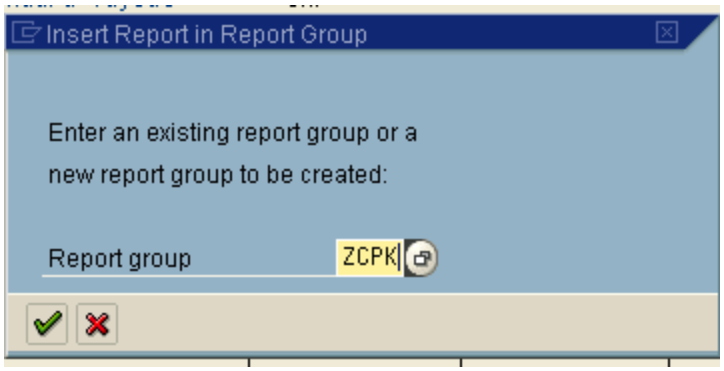
Generally there is one to one co-relation between report and report group.

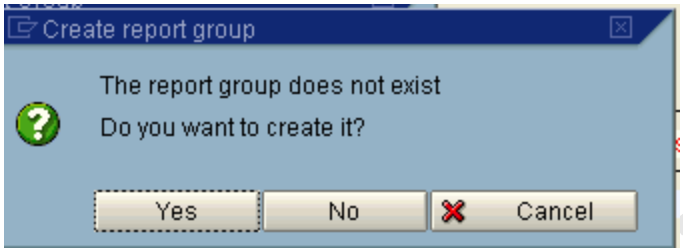
Click

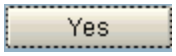


www.sap-topjobs.com

Click 

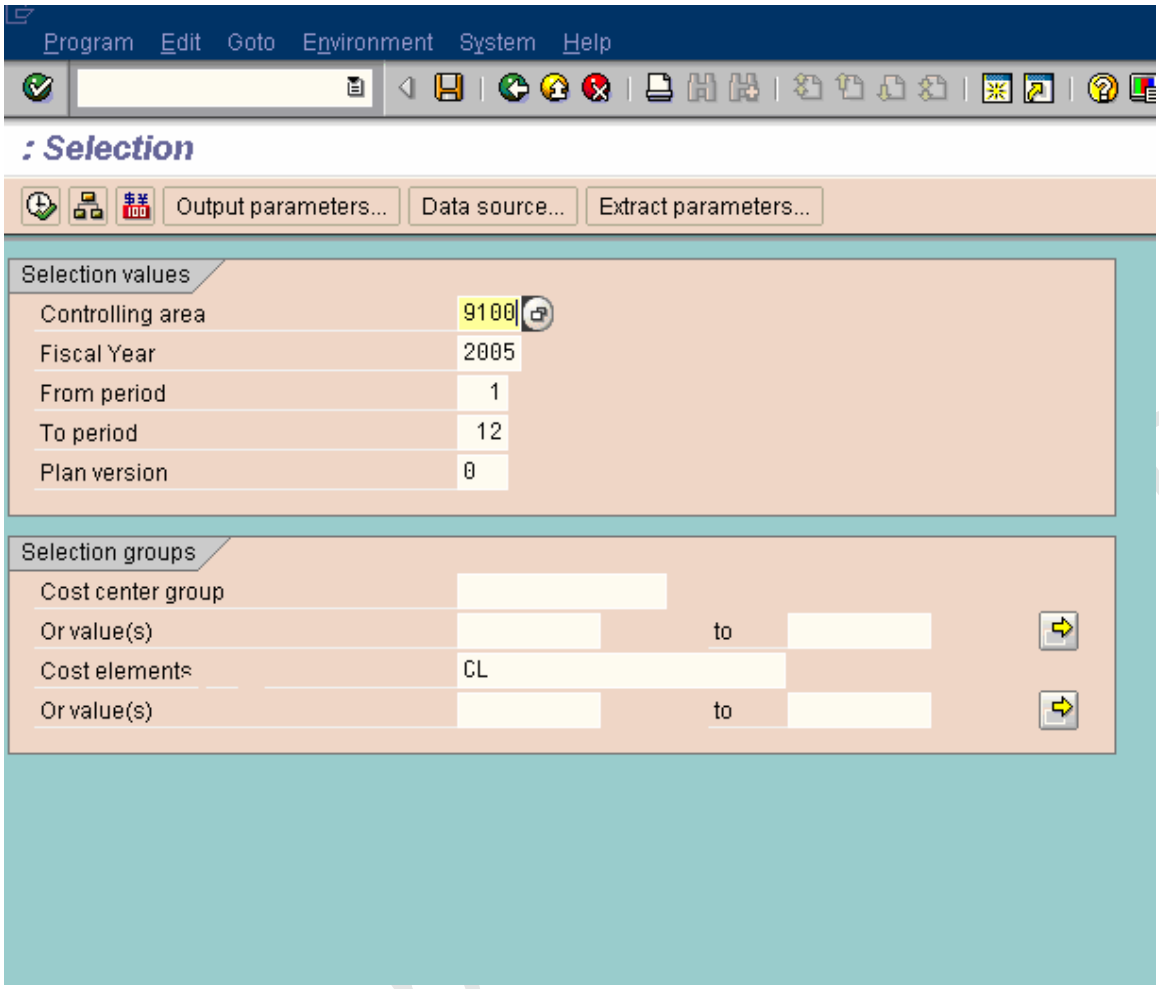




Click 

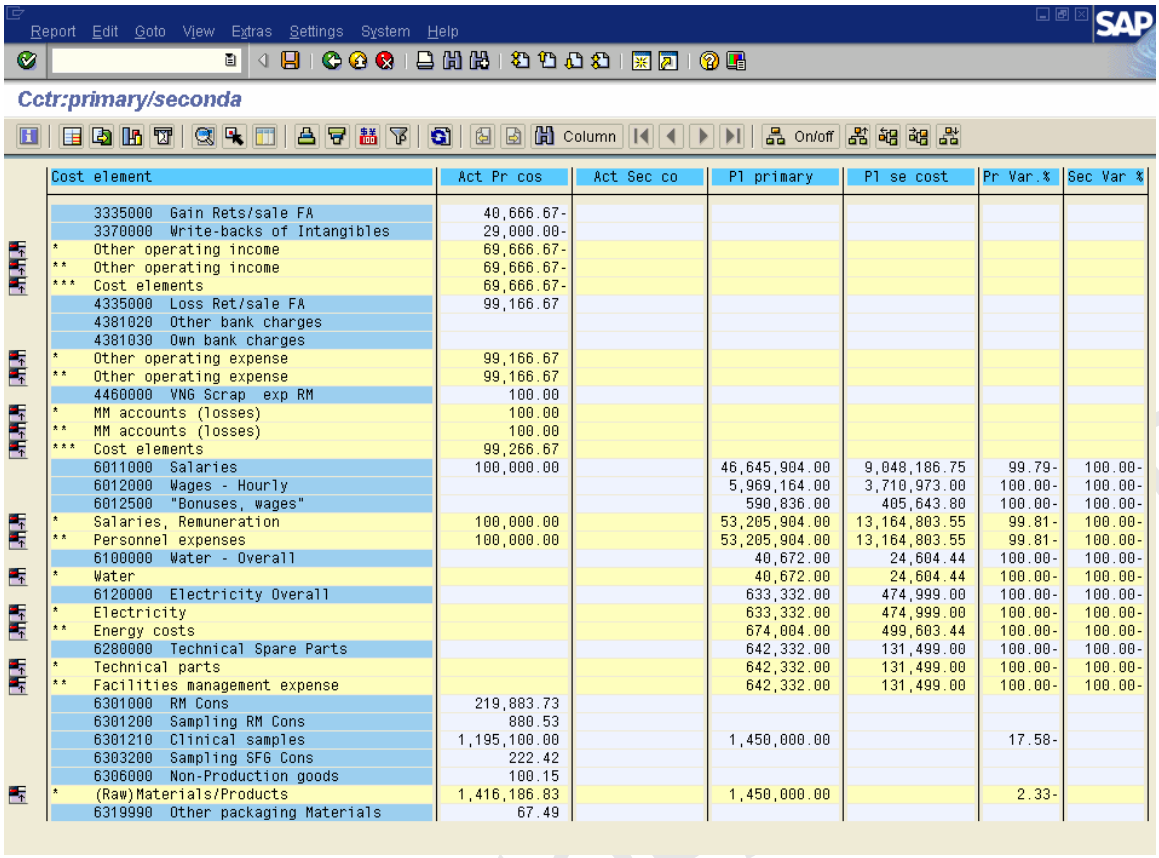
The report group is generated. It will take you to the following screen:-

www.sap-topjobs.com

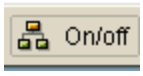


Click on the to execute

www.sap

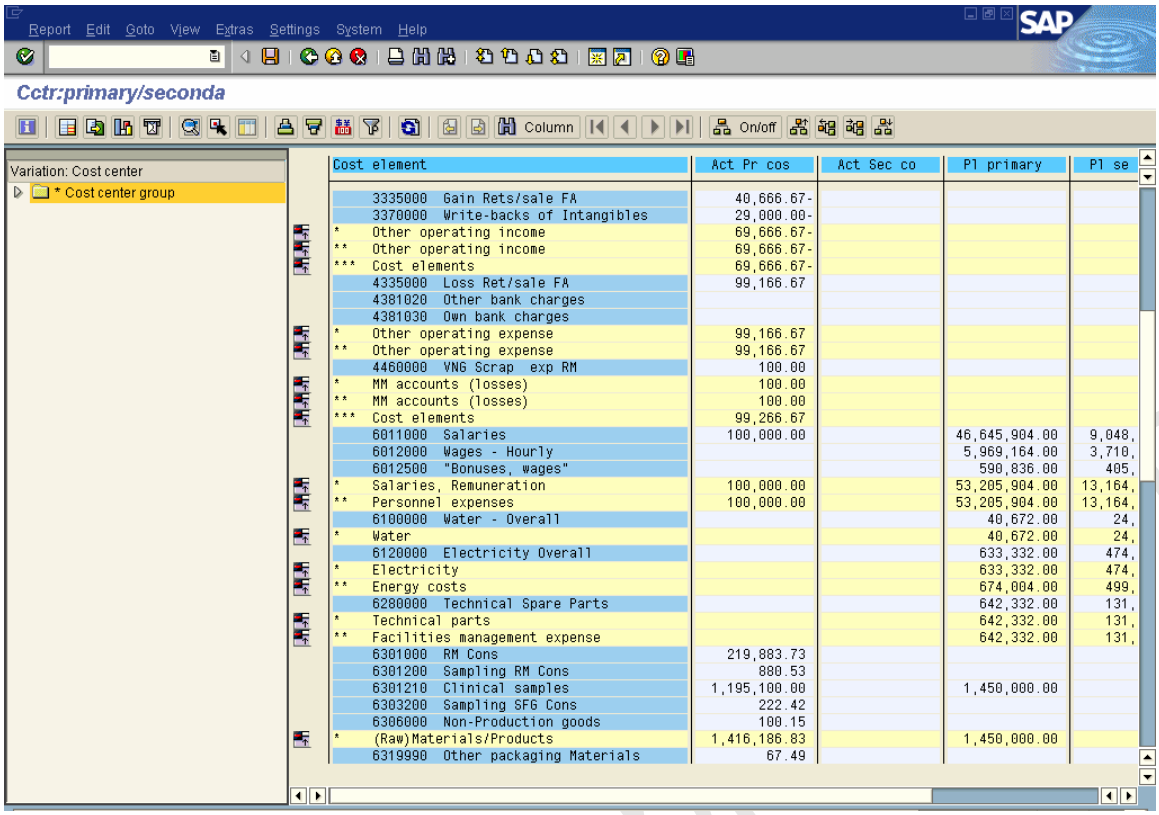


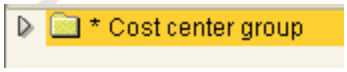
Cost element		Act Pr cos	Act Sec co	Pl primary	Pl se cost	Pr Var.%	Sec Var %
3335000	Gain Rets/sale FA	40,666.67-					
3370000	Write-backs of Intangibles	29,000.00-					
*	Other operating income	69,666.67-					
**	Other operating income	69,666.67-					
***	Cost elements	69,666.67-					
4335000	Loss Ret/sale FA	99,166.67					
4381020	Other bank charges						
4381030	Own bank charges						
*	Other operating expense	99,166.67					
**	Other operating expense	99,166.67					
4460000	VNG Scrap exp RM	100.00					
*	MM accounts (losses)	100.00					
**	MM accounts (losses)	100.00					
***	Cost elements	99,266.67					
6011000	Salaries	100,000.00		46,645,904.00	9,048,186.75	99.79-	100.00-
6012000	Wages - Hourly			5,969,164.00	3,710,973.00	100.00-	100.00-
6012500	"Bonuses, wages"			590,836.00	405,643.80	100.00-	100.00-
*	Salaries, Remuneration	100,000.00		53,205,904.00	13,164,803.55	99.81-	100.00-
**	Personnel expenses	100,000.00		53,205,904.00	13,164,803.55	99.81-	100.00-
6100000	Water - Overall			40,672.00	24,604.44	100.00-	100.00-
*	Water			40,672.00	24,604.44	100.00-	100.00-
6120000	Electricity Overall			633,332.00	474,999.00	100.00-	100.00-
*	Electricity			633,332.00	474,999.00	100.00-	100.00-
**	Energy costs			674,004.00	499,603.44	100.00-	100.00-
6280000	Technical Spare Parts			642,332.00	131,499.00	100.00-	100.00-
*	Technical parts			642,332.00	131,499.00	100.00-	100.00-
**	Facilities management expense			642,332.00	131,499.00	100.00-	100.00-
6301000	RM Cons	219,883.73					
6301200	Sampling RM Cons	880.53					
6301210	Clinical samples	1,195,100.00		1,450,000.00		17.58-	
6303200	Sampling SFG Cons	222.42					
6306000	Non-Production goods	100.15					
*	(Raw)Materials/Products	1,416,186.83		1,450,000.00		2.33-	
6319990	Other packaging Materials	67.49					

Clicking on 

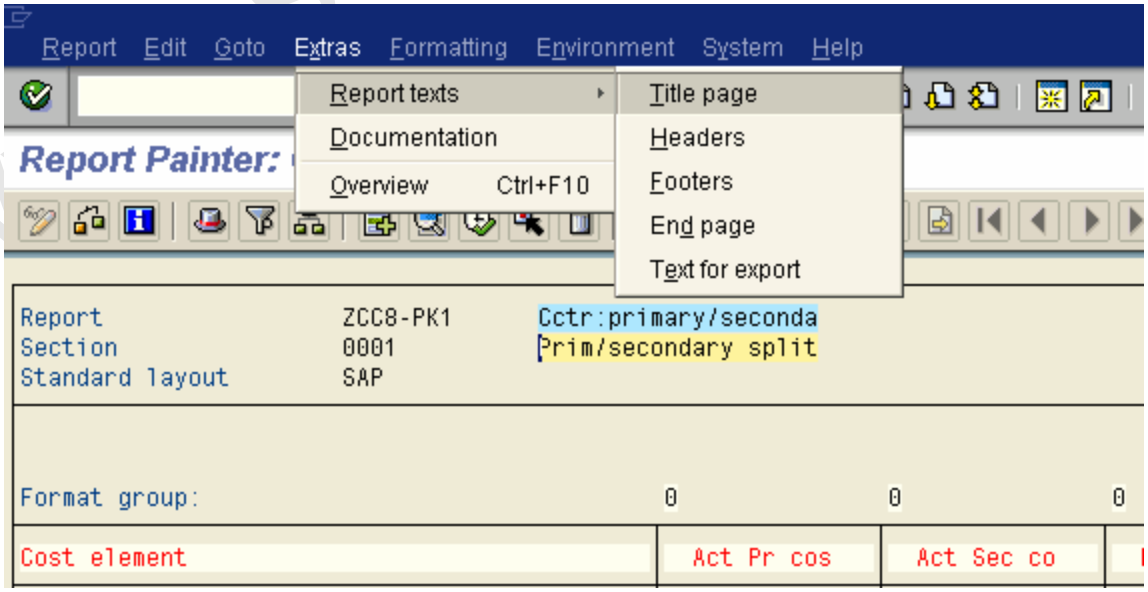
will open the cost center group screen on the left like this

www.sap-top

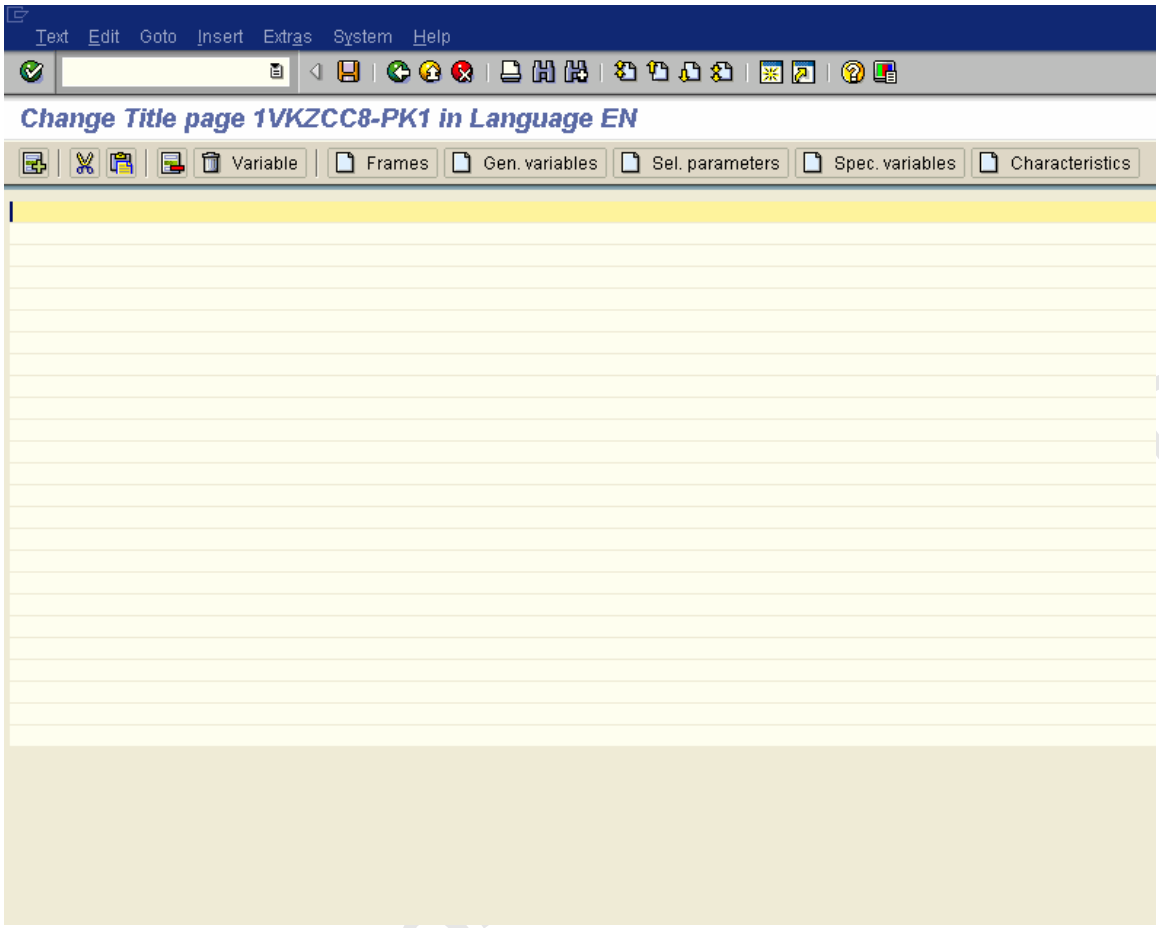


You can open the cost center group by double clicking 

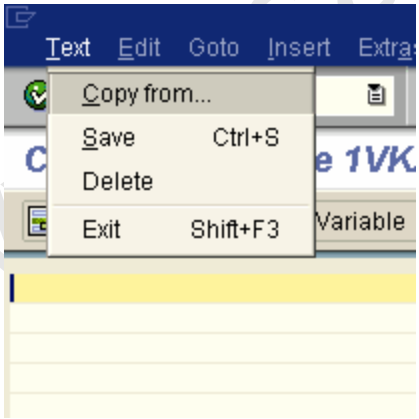
Let us now do some formatting for the report such as title header etc.

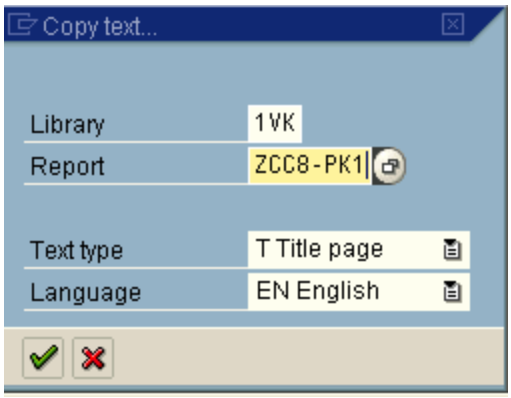


www.sap-tops.com


Text Edit Goto Insert Extras System Help
Change Title page 1VKZCC8-PK1 in Language EN
Variable
Frames
Gen. variables
Sel. parameters
Spec. variables
Characteristics

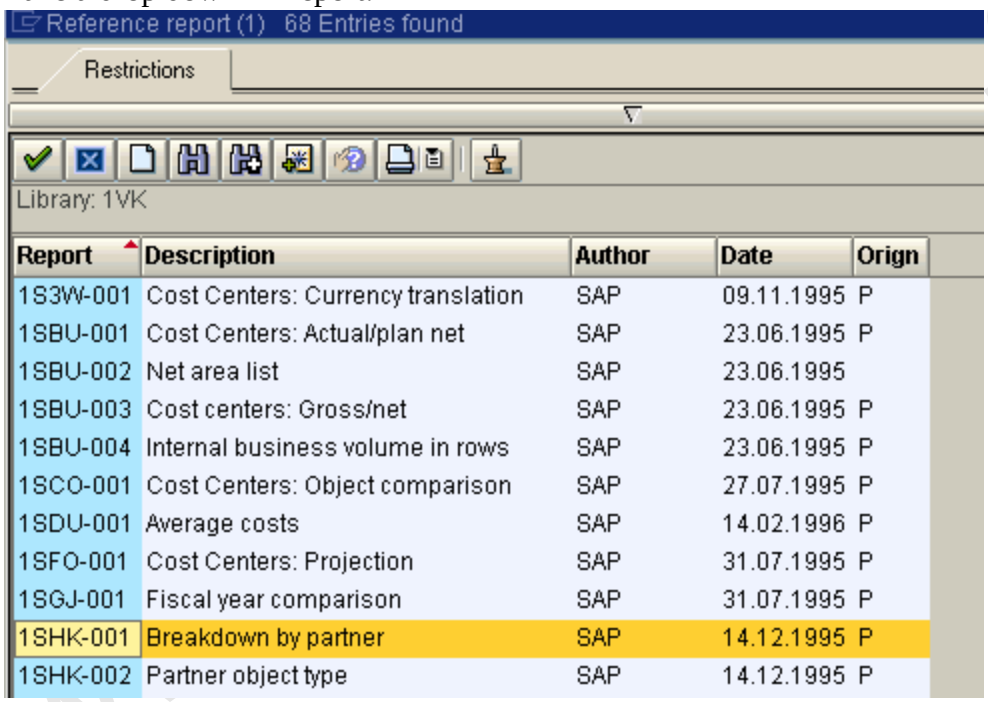
Click on


Text Edit Goto Insert
Copy from...
Save Ctrl+S
Delete
Exit Shift+F3
Variable

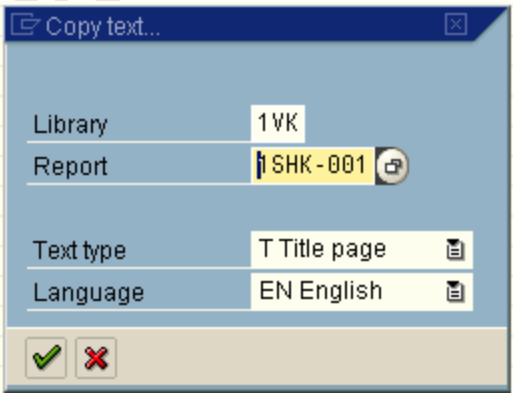


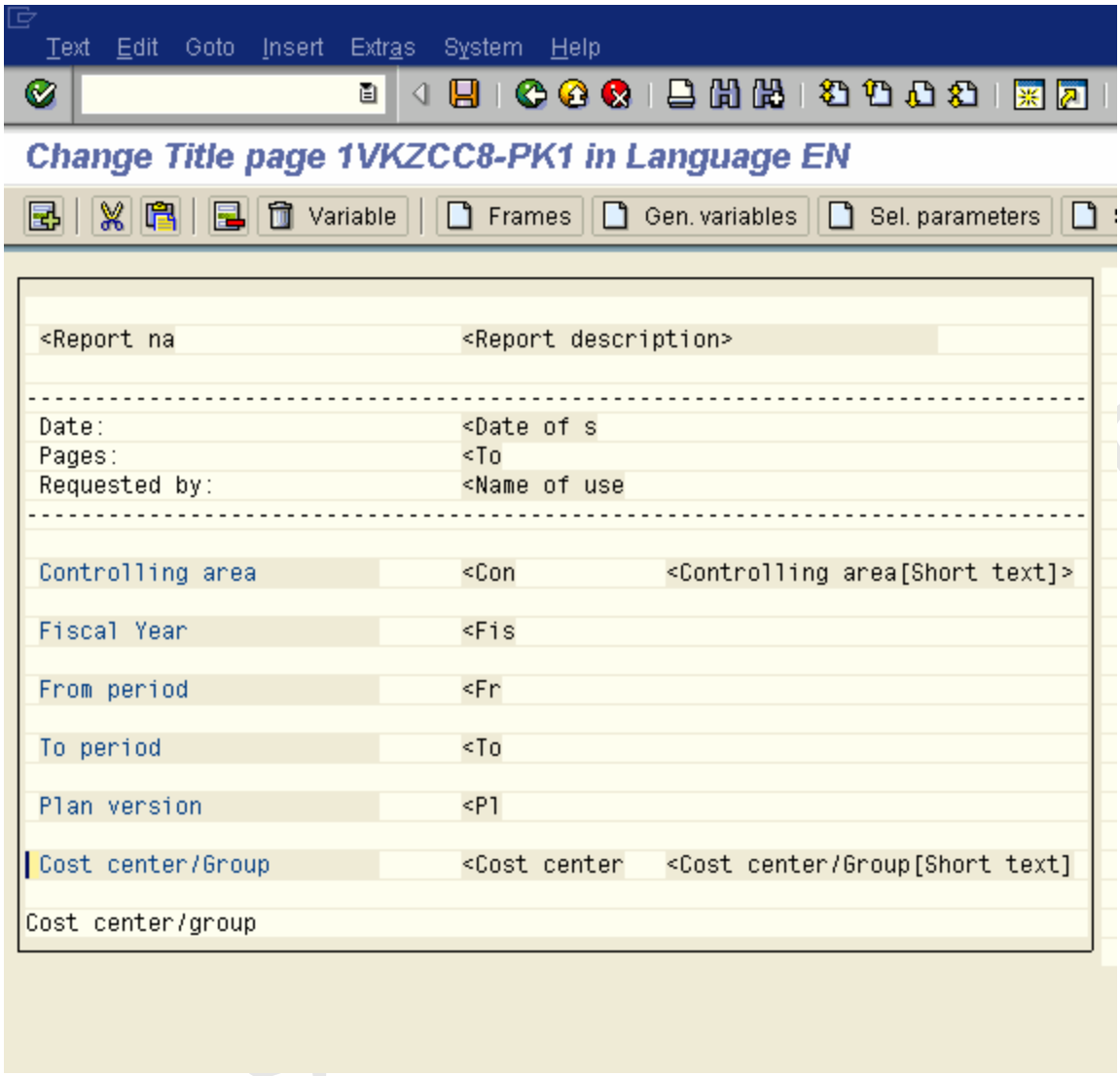
Update the following:-

Take a drop down in Report:-



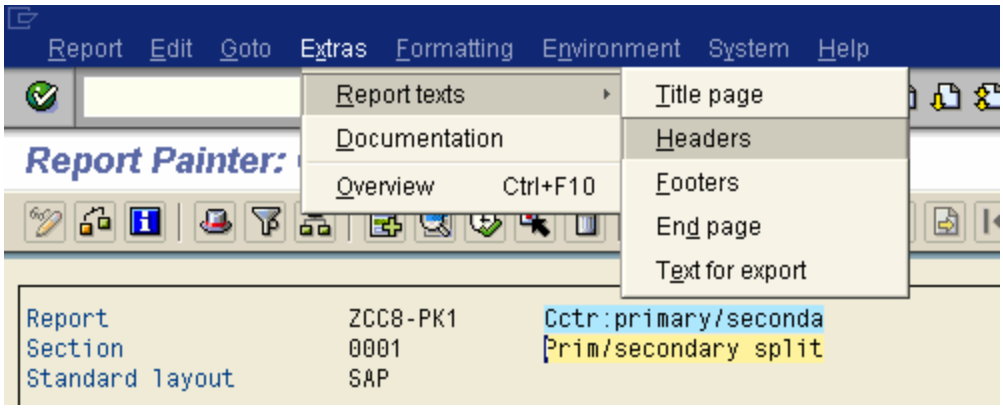
Report	Description	Author	Date	Orign
1S3W-001	Cost Centers: Currency translation	SAP	09.11.1995	P
1SBU-001	Cost Centers: Actual/plan net	SAP	23.06.1995	P
1SBU-002	Net area list	SAP	23.06.1995	
1SBU-003	Cost centers: Gross/net	SAP	23.06.1995	P
1SBU-004	Internal business volume in rows	SAP	23.06.1995	P
1SCO-001	Cost Centers: Object comparison	SAP	27.07.1995	P
1SDU-001	Average costs	SAP	14.02.1996	P
1SFO-001	Cost Centers: Projection	SAP	31.07.1995	P
1SGJ-001	Fiscal year comparison	SAP	31.07.1995	P
1SHK-001	Breakdown by partner	SAP	14.12.1995	P
1SHK-002	Partner object type	SAP	14.12.1995	P

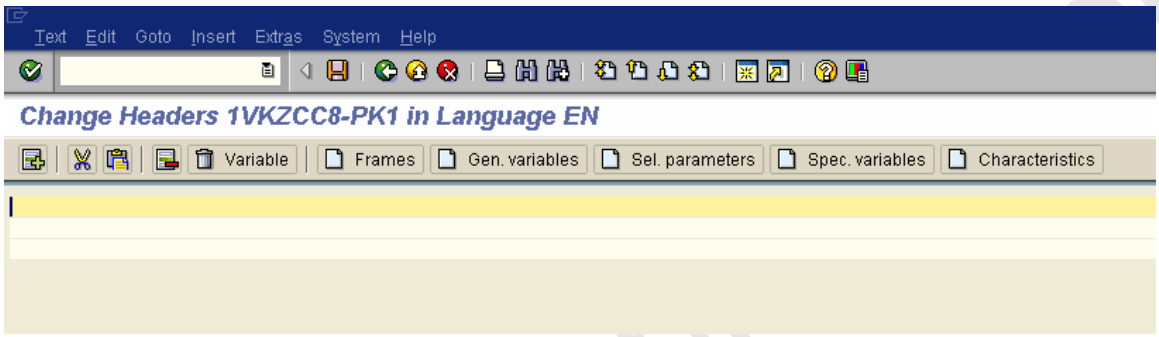




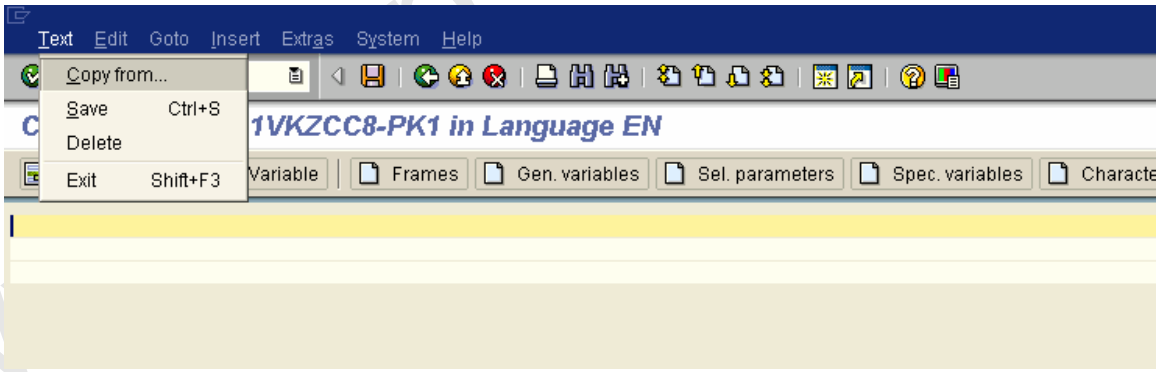
Click on

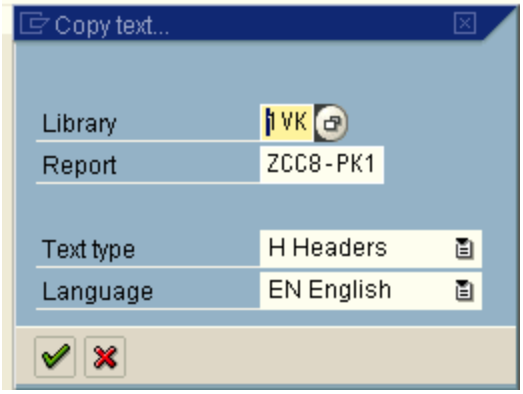
Click on


Report Edit Goto Extras Formatting Environment System Help
Report texts
Documentation
Overview Ctrl+F10
Title page
Headers
Footers
End page
Text for export
Report Painter:
Report ZCC8-PK1 Cctr:primary/seconda
Section 0001 Prim/secondary split
Standard layout SAP

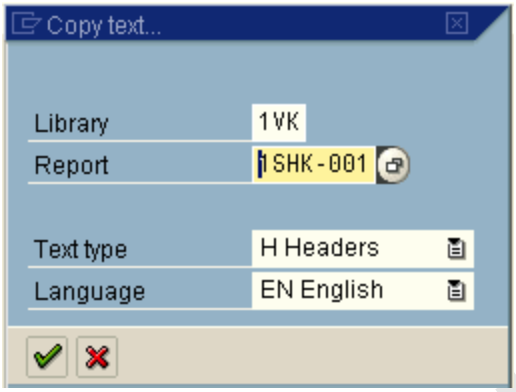

Text Edit Goto Insert Extras System Help
Change Headers 1VKZCC8-PK1 in Language EN
Variable
Frames
Gen. variables
Sel. parameters
Spec. variables
Characteristics

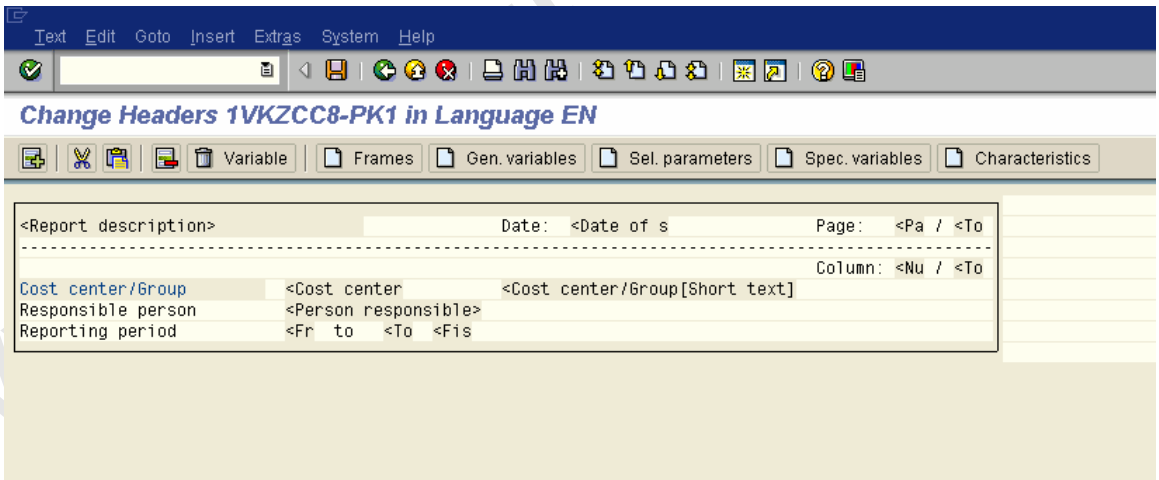
Click on
New entries


Text Edit Goto Insert Extras System Help
Copy from...
Save Ctrl+S
Delete
Exit Shift+F3
1VKZCC8-PK1 in Language EN
Variable
Frames
Gen. variables
Sel. parameters
Spec. variables



Update the following





Click on

The Report is ready

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Now we will go to the Report group

4. Report Group

SAP Easy access → Accounting → Controlling → Cost Center Accounting → Information system → Tools → Report Painter → Report Writer → Report group → GR52 – Change

Report groups incorporate all the reports within a library that access similar data but format these data differently.
All reports within a report group are executed at the same time, thus giving you the opportunity to jump between individual reports within the report display screen.
Generally there is one to one co-relation between report and report group.

In this step we will also assign some additional reports and transaction codes, so that the user can drill down to these additional transaction or reports:-

We will assign:-

1) Transaction code - KSBP (Plan line items)
2) Transaction code – KSB1 (Actual line items)
3) Report group - 1SIP (actual/plan/variance)

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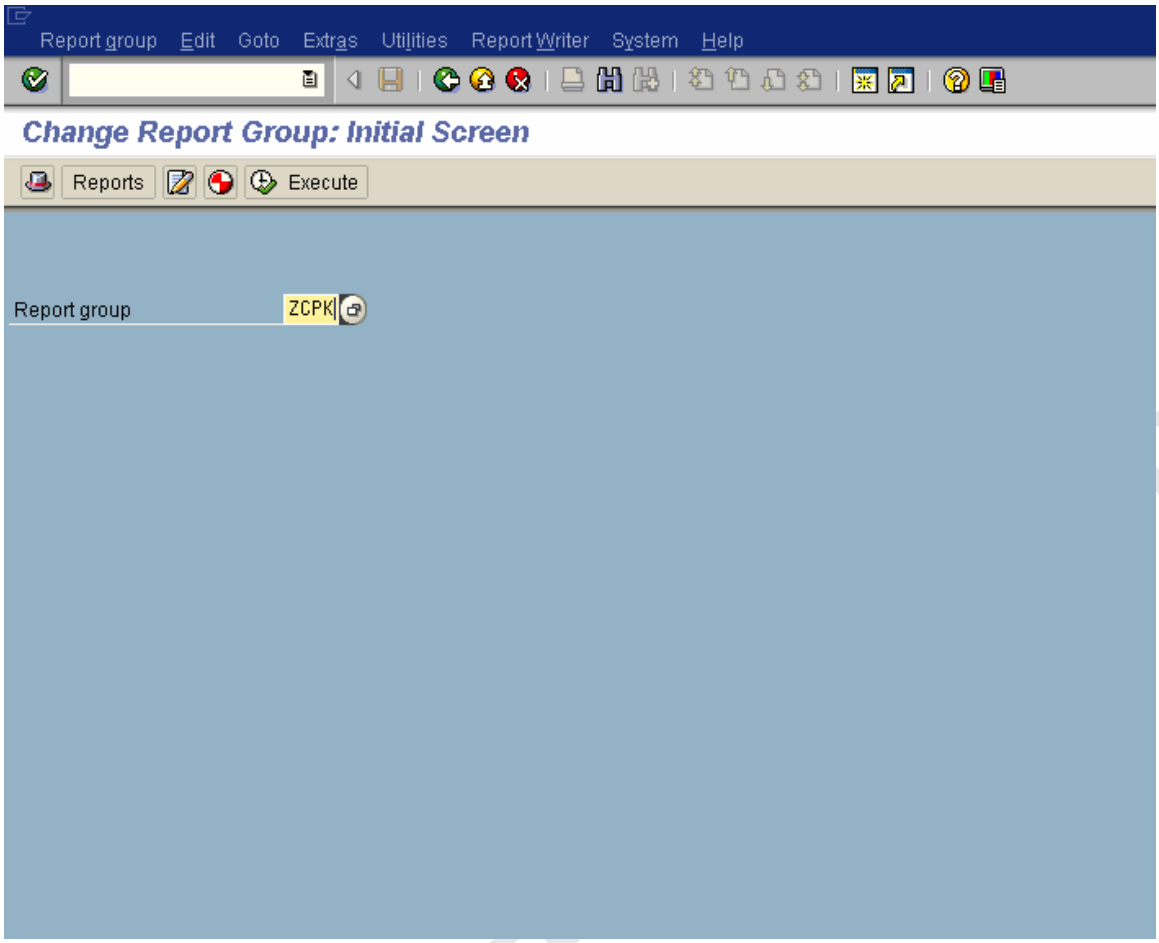
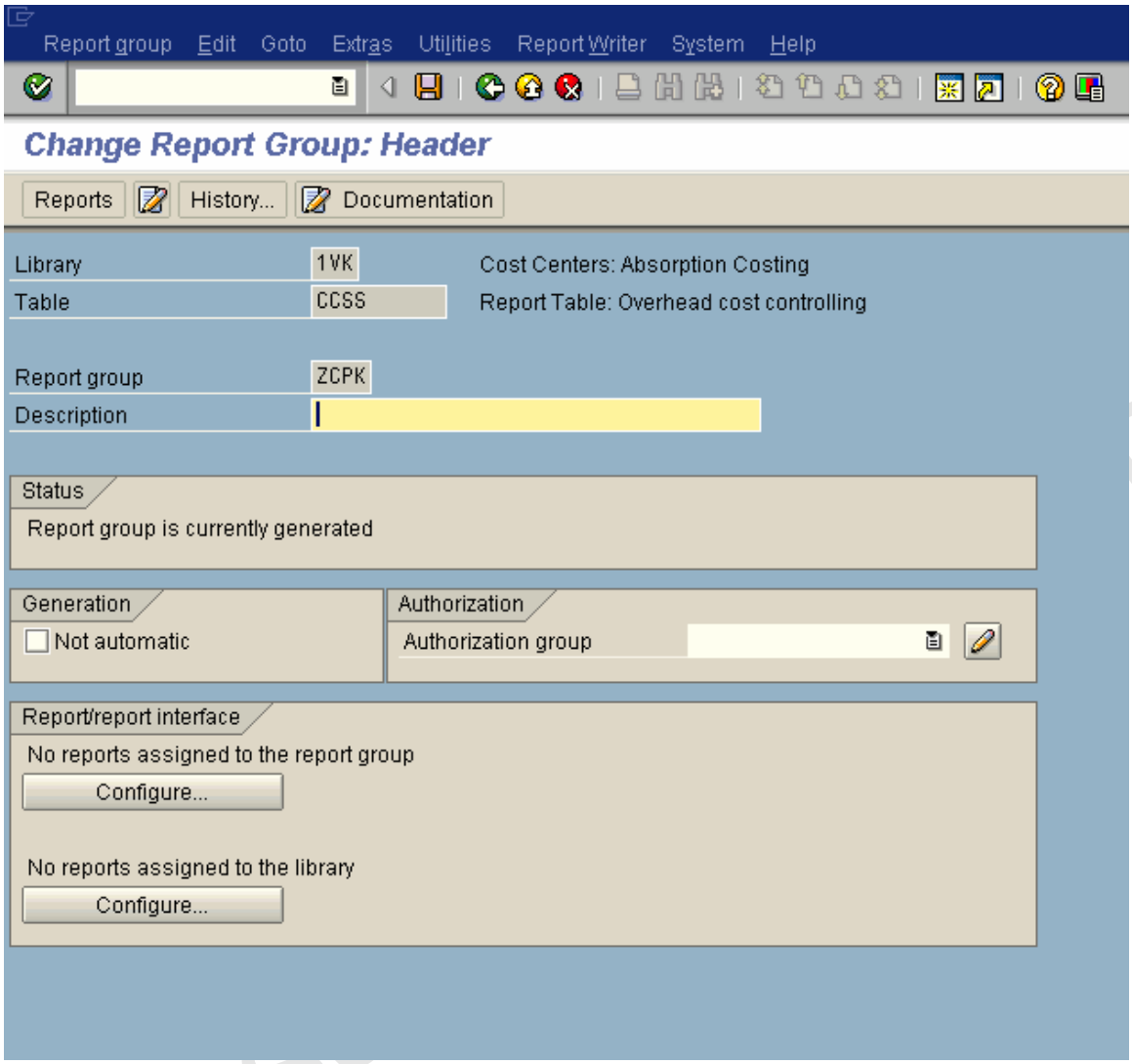


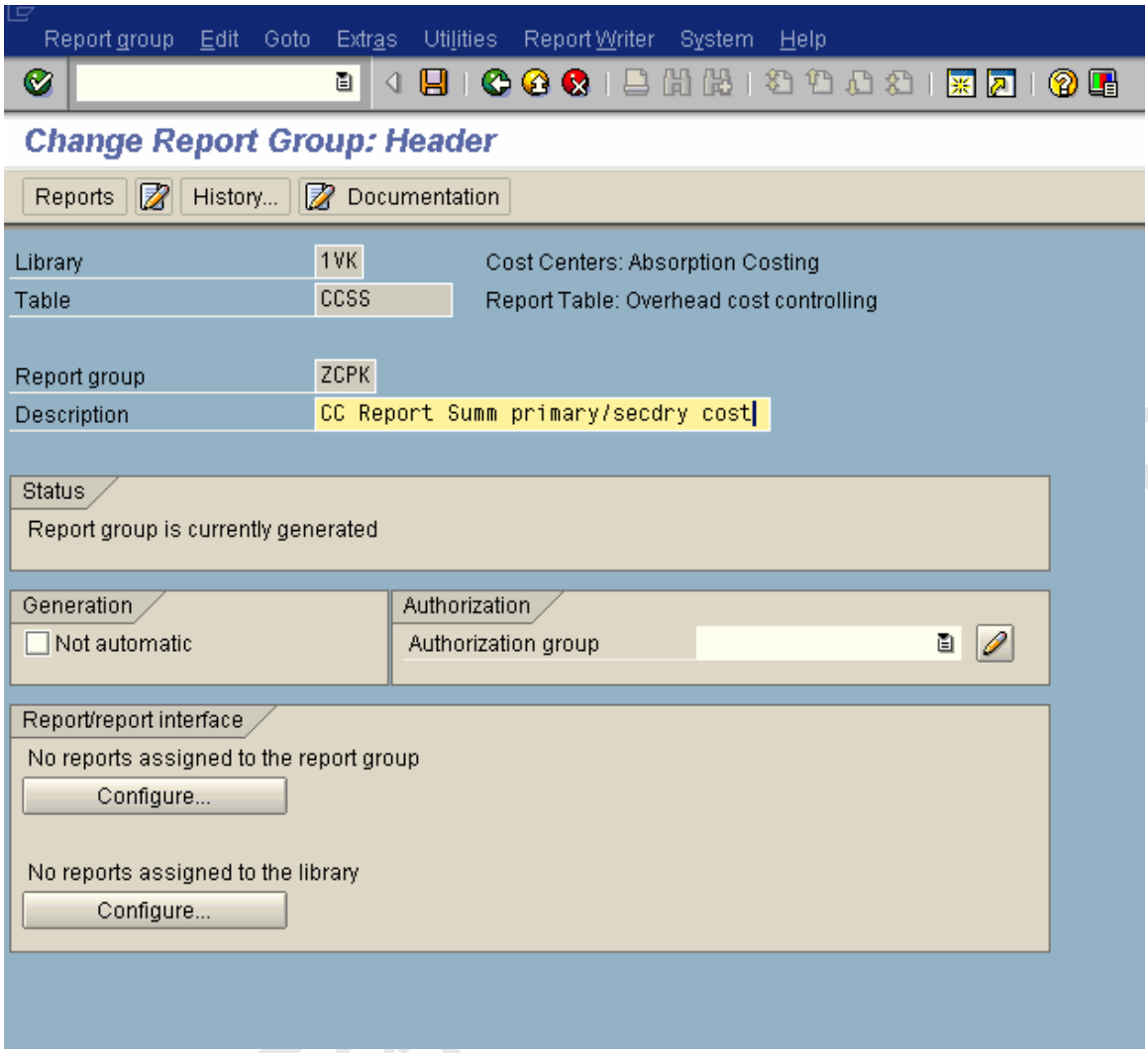
Click enter.

www.sap-

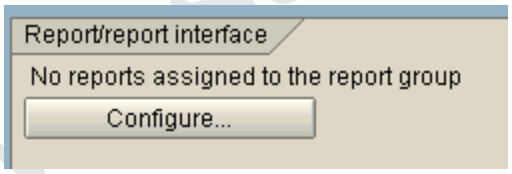


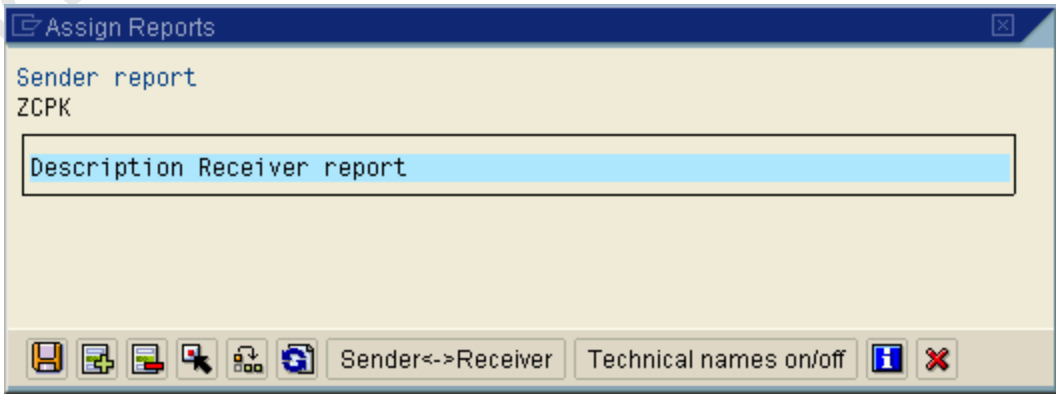
Update the description:-

www.sa...m

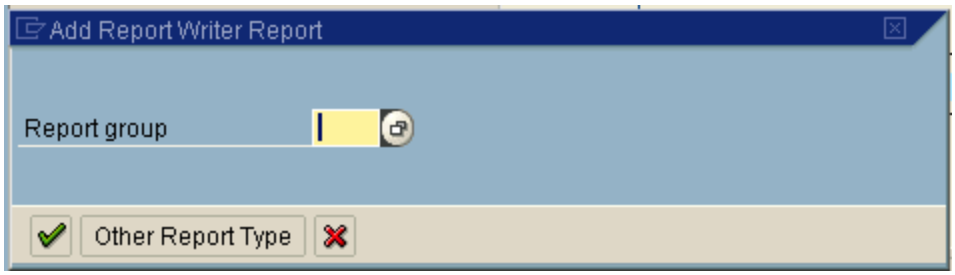

Report group
Edit
Goto
Extras
Utilities
Report Writer
System
Help
Change Report Group: Header
Reports
History...
Documentation
Library
1VK
Cost Centers: Absorption Costing
Table
CCSS
Report Table: Overhead cost controlling
Report group
ZCPK
Description
CC Report Summ primary/secdry cost
Status
Report group is currently generated
Generation
Not automatic
Authorization
Authorization group
Report/report interface
No reports assigned to the report group
Configure...
No reports assigned to the library
Configure...

Click

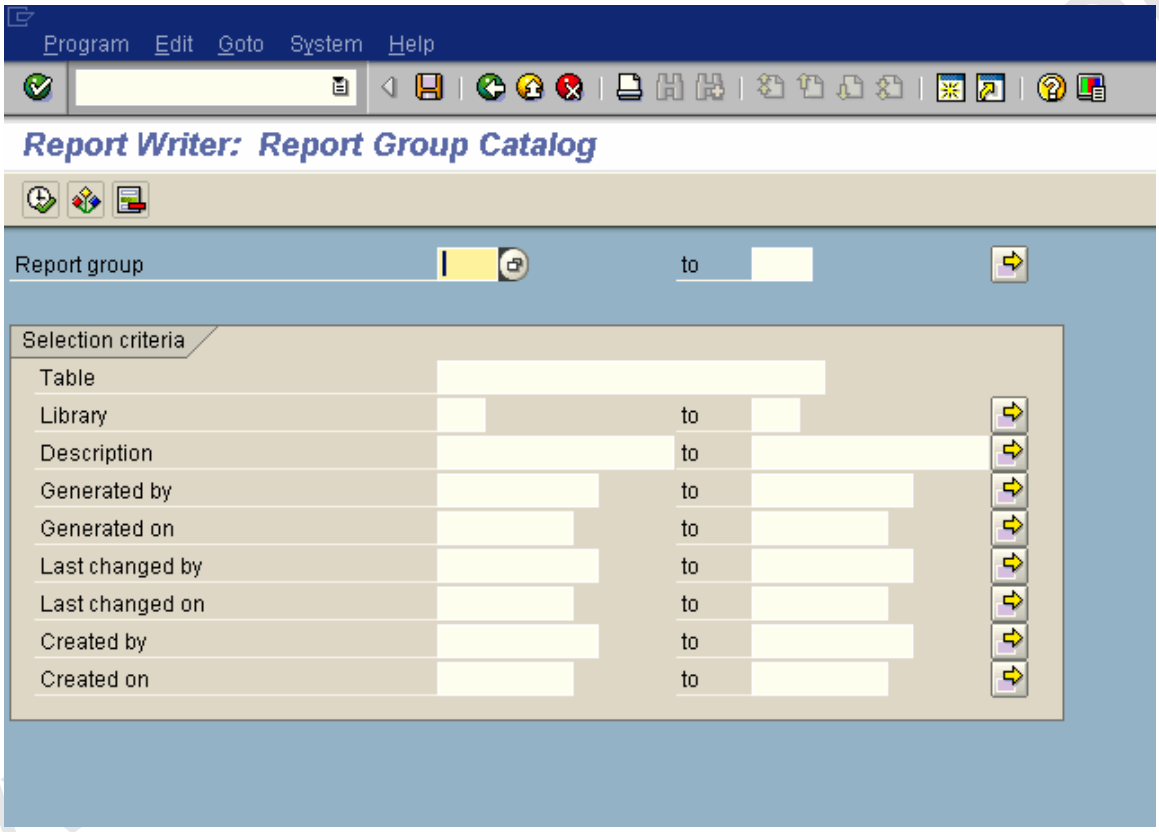

Report/report interface
No reports assigned to the report group
Configure...


Assign Reports
Sender report
ZCPK
Description Receiver report
Sender<->Receiver
Technical names on/off

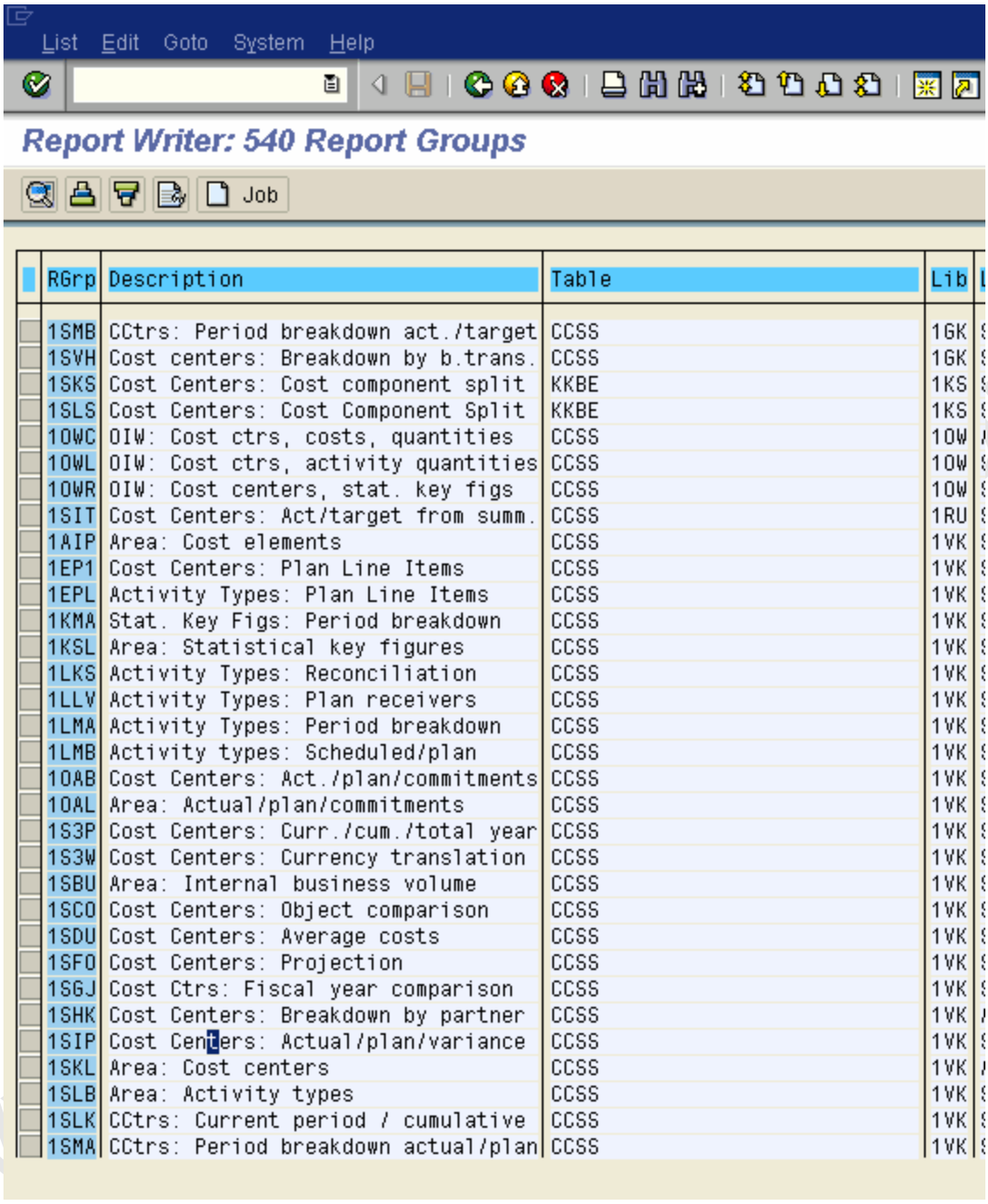
Click



Take a drop down in Report group

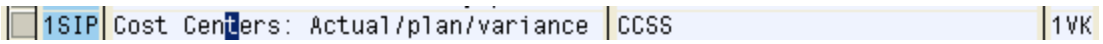


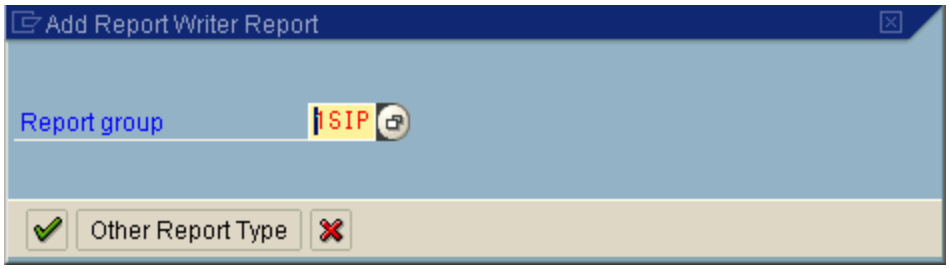
Click

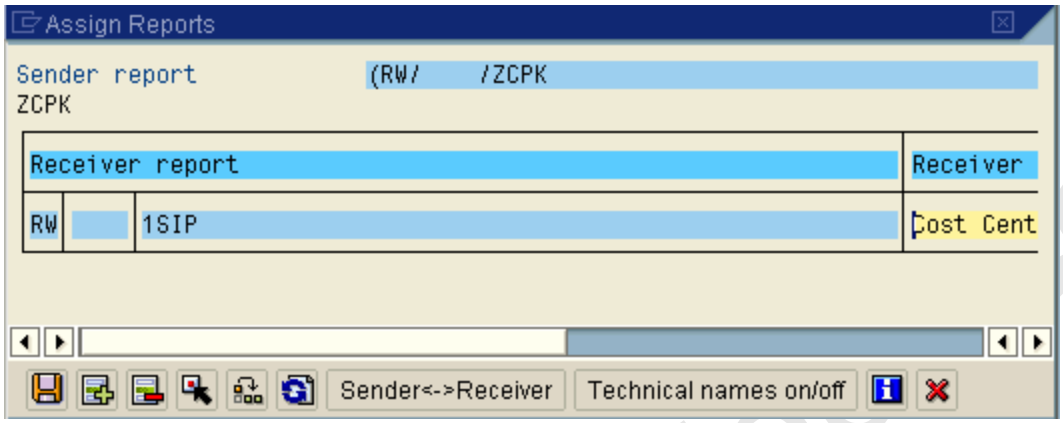


RGrp	Description	Table	Lib
1SMB	CCtrs: Period breakdown act./target	CCSS	1GK
1SVH	Cost centers: Breakdown by b.trans.	CCSS	1GK
1SKS	Cost Centers: Cost component split	KKBE	1KS
1SLS	Cost Centers: Cost Component Split	KKBE	1KS
1OWC	OIW: Cost ctrs, costs, quantities	CCSS	1OW
1OWL	OIW: Cost ctrs, activity quantities	CCSS	1OW
1OWR	OIW: Cost centers, stat. key figs	CCSS	1OW
1SIT	Cost Centers: Act/target from summ.	CCSS	1RU
1AIP	Area: Cost elements	CCSS	1VK
1EP1	Cost Centers: Plan Line Items	CCSS	1VK
1EPL	Activity Types: Plan Line Items	CCSS	1VK
1KMA	Stat. Key Figs: Period breakdown	CCSS	1VK
1KSL	Area: Statistical key figures	CCSS	1VK
1LKS	Activity Types: Reconciliation	CCSS	1VK
1LLV	Activity Types: Plan receivers	CCSS	1VK
1LMA	Activity Types: Period breakdown	CCSS	1VK
1LMB	Activity types: Scheduled/plan	CCSS	1VK
1OAB	Cost Centers: Act./plan/commitments	CCSS	1VK
1OAL	Area: Actual/plan/commitments	CCSS	1VK
1S3P	Cost Centers: Curr./cum./total year	CCSS	1VK
1S3W	Cost Centers: Currency translation	CCSS	1VK
1SBU	Area: Internal business volume	CCSS	1VK
1SCO	Cost Centers: Object comparison	CCSS	1VK
1SDU	Cost Centers: Average costs	CCSS	1VK
1SFO	Cost Centers: Projection	CCSS	1VK
1SGJ	Cost Ctrs: Fiscal year comparison	CCSS	1VK
1SHK	Cost Centers: Breakdown by partner	CCSS	1VK
1SIP	Cost Centers: Actual/plan/variance	CCSS	1VK
1SKL	Area: Cost centers	CCSS	1VK
1SLB	Area: Activity types	CCSS	1VK
1SLK	CCtrs: Current period / cumulative	CCSS	1VK
1SMA	CCtrs: Period breakdown actual/plan	CCSS	1VK

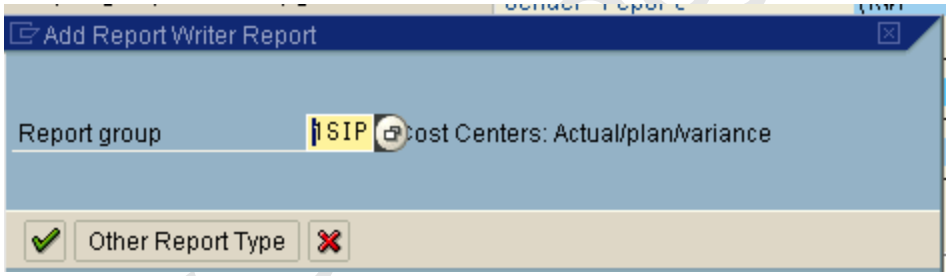
Double click



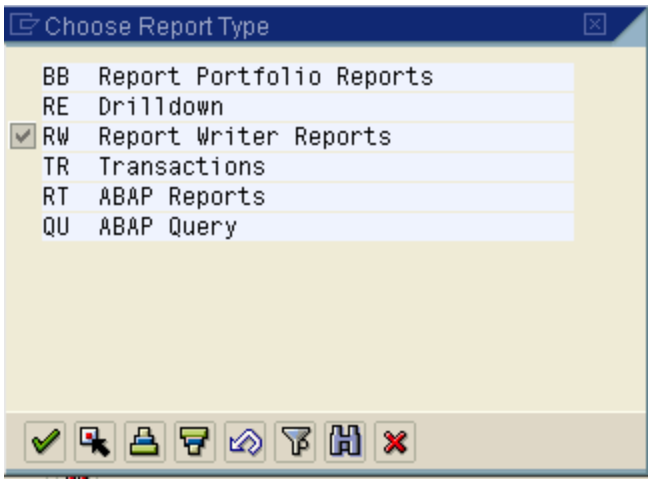

Add Report Writer Report
Report group
1SIP
Other Report Type


Assign Reports
Sender report
(RW/ /ZCPK
ZCPK
Receiver report
Receiver
RW
1SIP
Cost Cent
Sender<->Receiver
Technical names on/off

Click

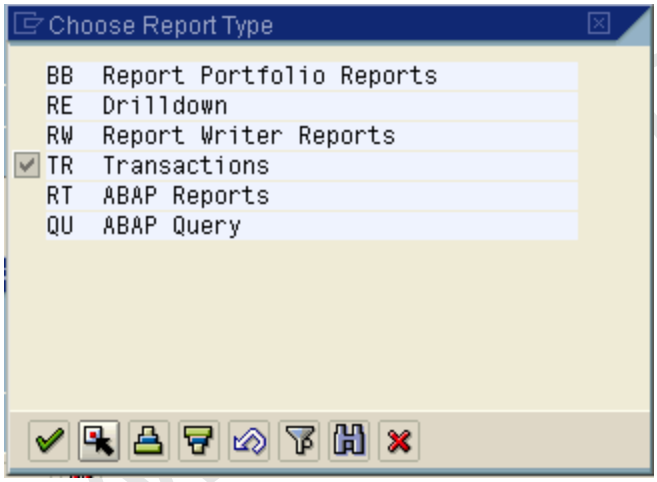

Add Report Writer Report
Report group
1SIP
ost Centers: Actual/plan/variance
Other Report Type

Click
Other Report Type

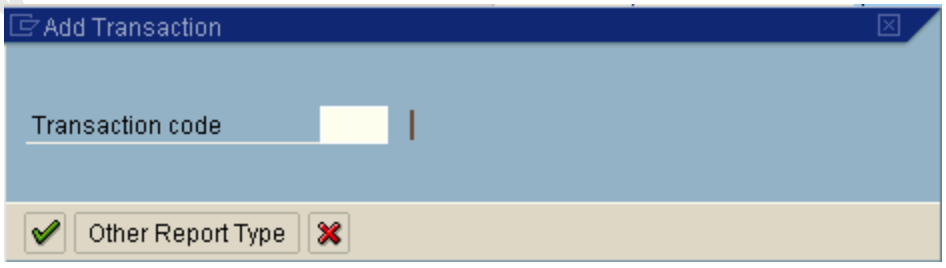


Click TR Transactions

Click



Click



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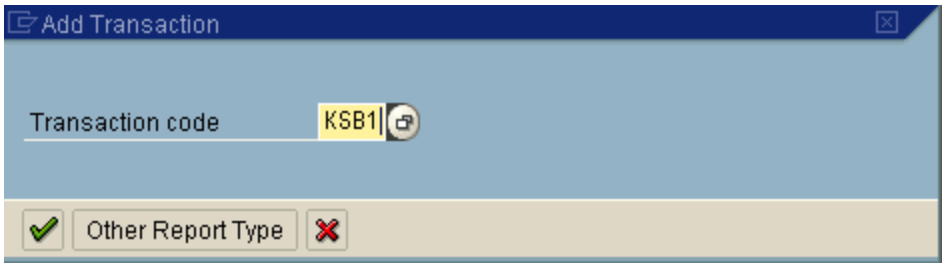
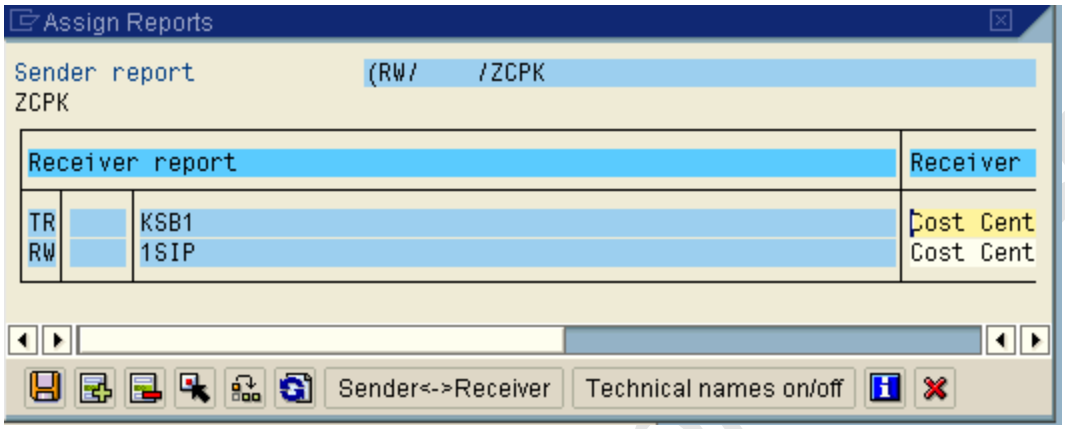
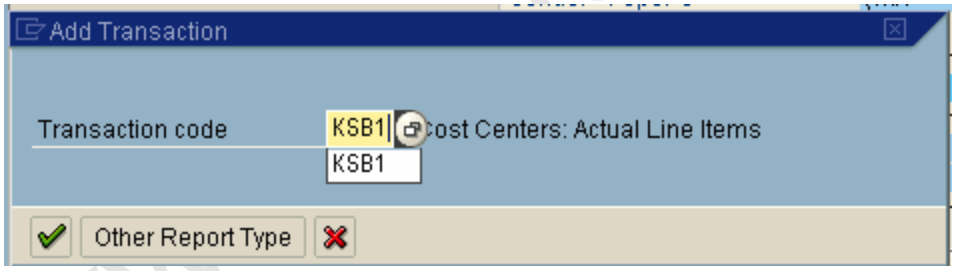
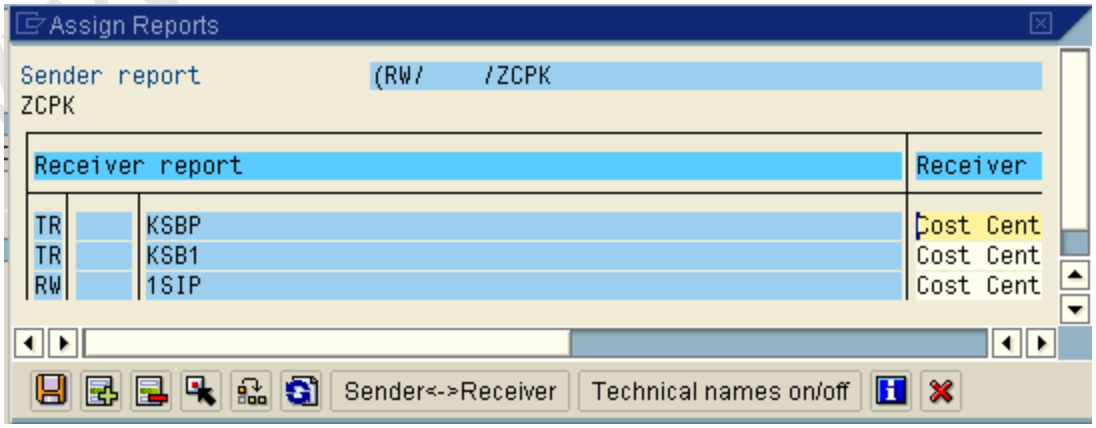
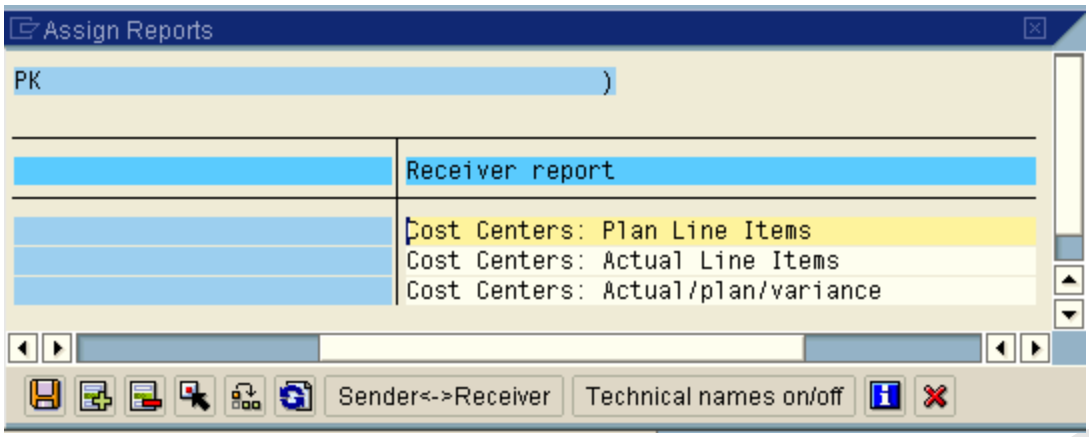








Scroll to the right



Click

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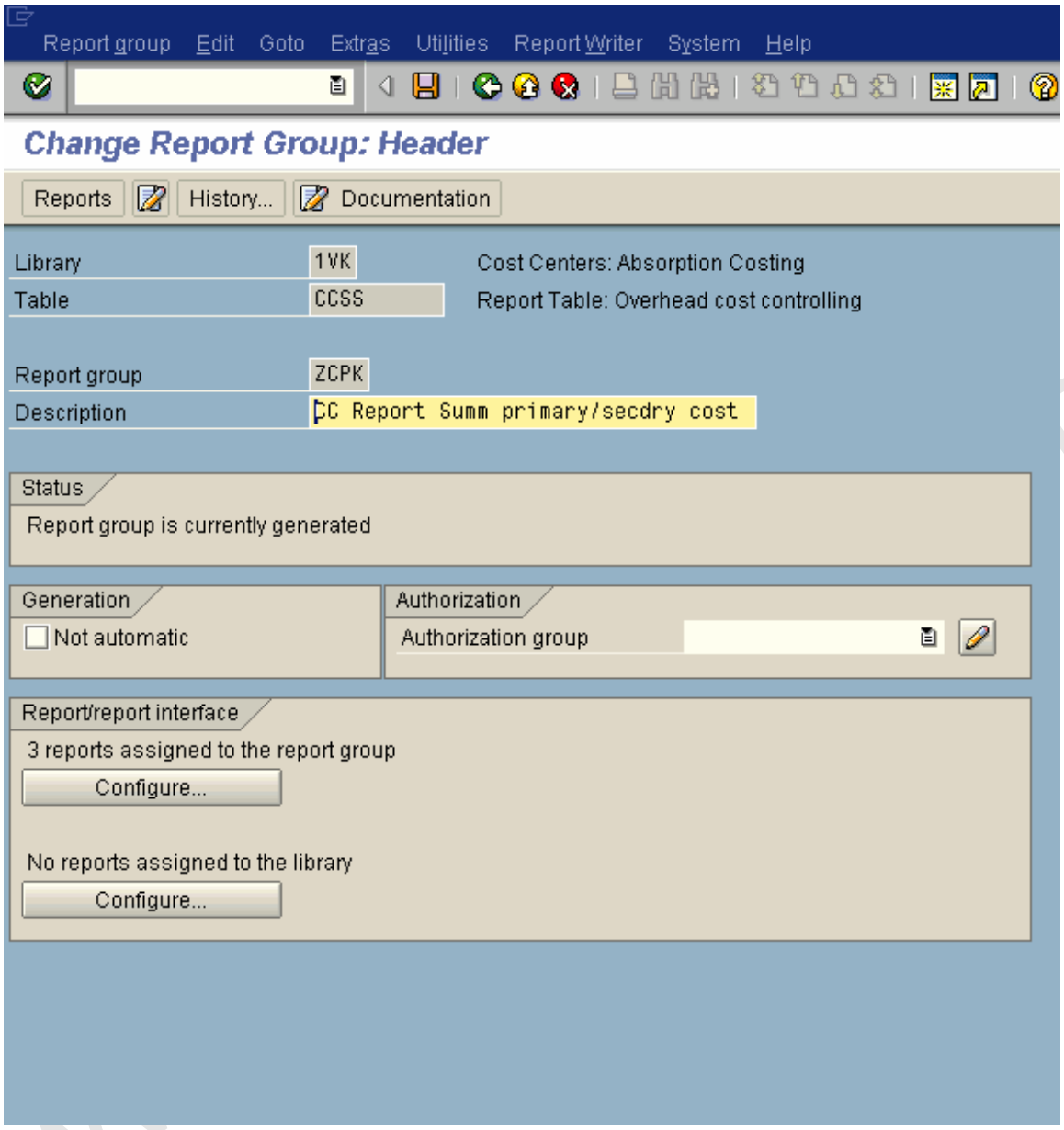
Report group
Edit
Goto
Extras
Utilities
Report Writer
System
Help
Change Report Group: Header
Reports
History...
Documentation
Library
1VK
Cost Centers: Absorption Costing
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Report Table: Overhead cost controlling
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Description
CC Report Summ primary/secdry cost
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Report group is currently generated
Generation
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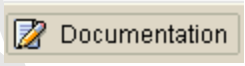
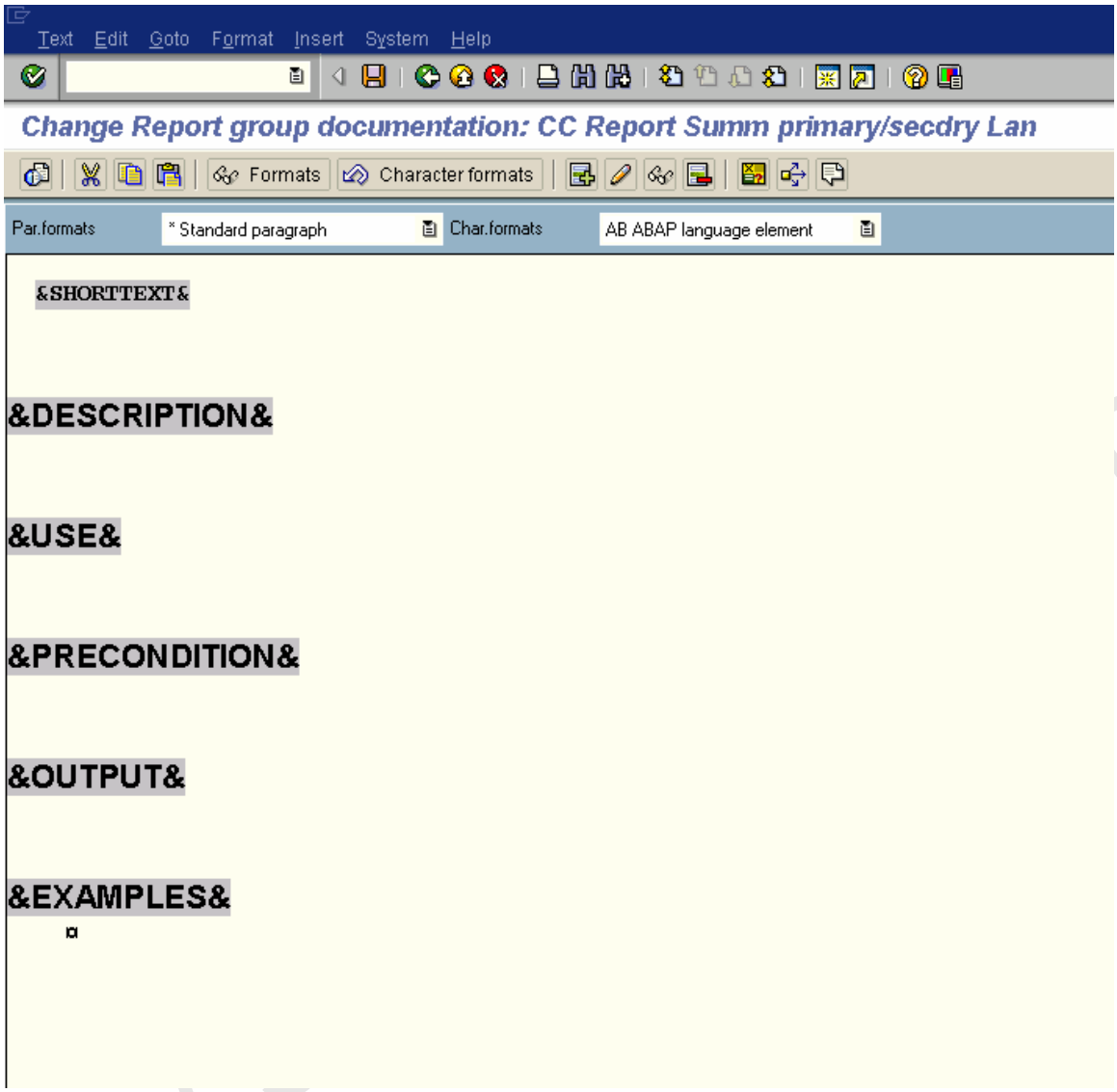
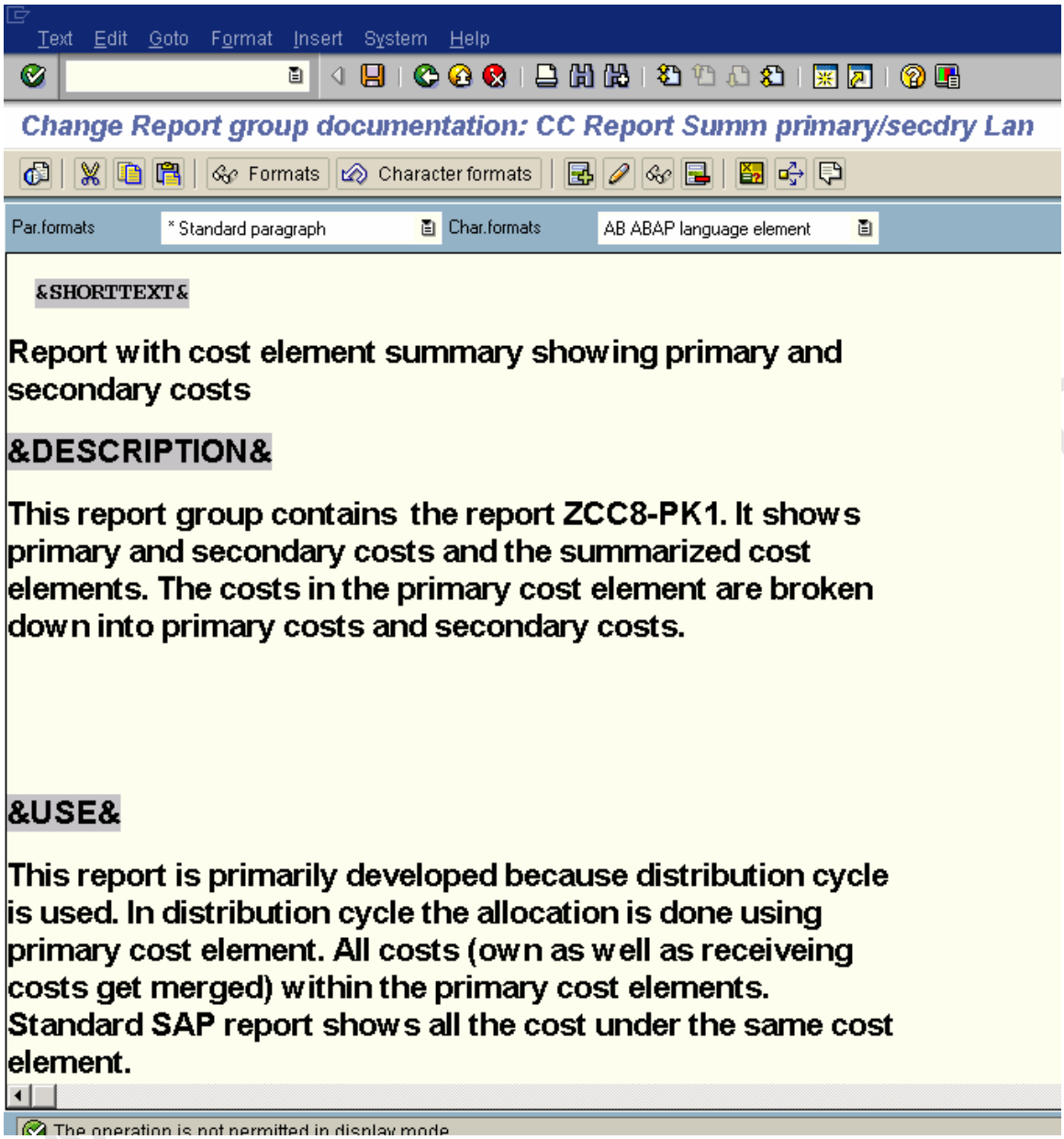
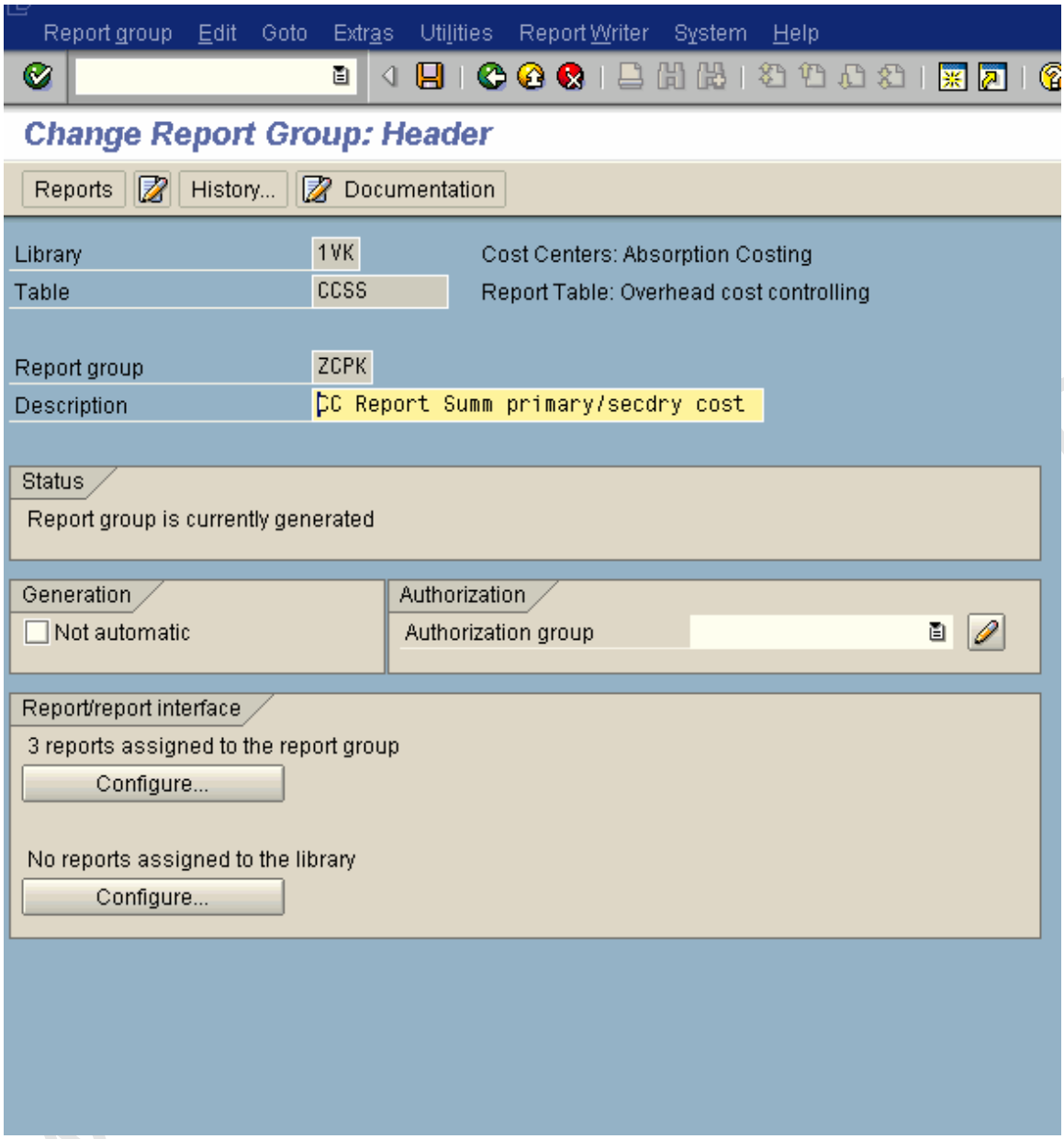
Authorization
Authorization group
Report/report interface
3 reports assigned to the report group
Configure...
No reports assigned to the library
Configure...


Documentation


Text Edit Goto Format Insert System Help
Change Report group documentation: CC Report Summ primary/secdry Lan
Formats
Character formats
Par.formats
* Standard paragraph
Char.formats
AB ABAP language element
&SHORTTEXT&
&DESCRIPTION&
&USE&
&PRECONDITION&
&OUTPUT&
&EXAMPLES&


Text Edit Goto Format Insert System Help
Change Report group documentation: CC Report Summ primary/secdry Lan
Formats
Character formats
Par.formats
* Standard paragraph
Char.formats
AB ABAP language element
&SHORTTEXT&
Report with cost element summary showing primary and secondary costs
&DESCRIPTION&
This report group contains the report ZCC8-PK1. It shows primary and secondary costs and the summarized cost elements. The costs in the primary cost element are broken down into primary costs and secondary costs.
&USE&
This report is primarily developed because distribution cycle is used. In distribution cycle the allocation is done using primary cost element. All costs (own as well as receiveing costs get merged) within the primary cost elements. Standard SAP report shows all the cost under the same cost element.
The operation is not permitted in display mode

Click on


Report group
Edit
Goto
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Utilities
Report Writer
System
Help
Change Report Group: Header
Reports
History...
Documentation
Library
1VK
Cost Centers: Absorption Costing
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Description
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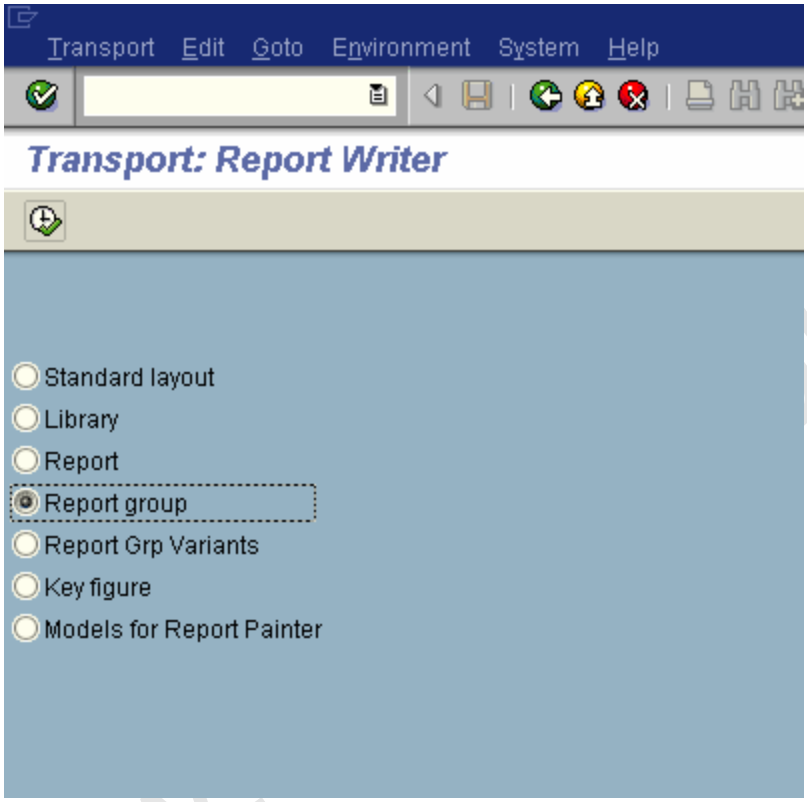
Status
Report group is currently generated
Generation
Not automatic
Authorization
Authorization group
Report/report interface
3 reports assigned to the report group
Configure...
No reports assigned to the library
Configure...

Click on

5. Transporting Reports

SAP Easy access → Accounting → Controlling → Cost Center Accounting → Information system → Tools → Report Painter → Utilities → Transport → Report groups → GCTR - Transport request

A report can be transported from one system to another (i.e. Development to Quality system) using this transaction code.



Click

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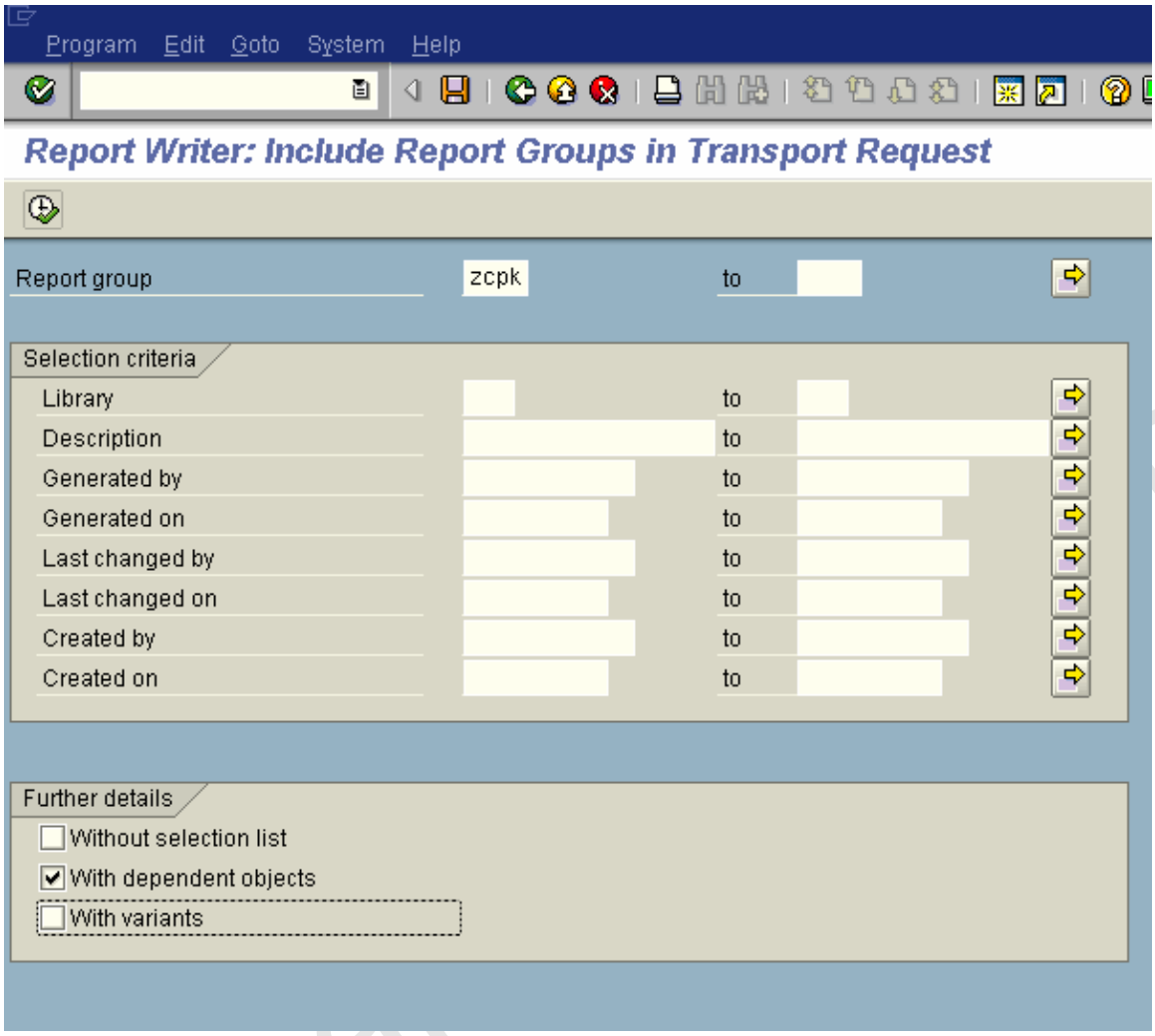
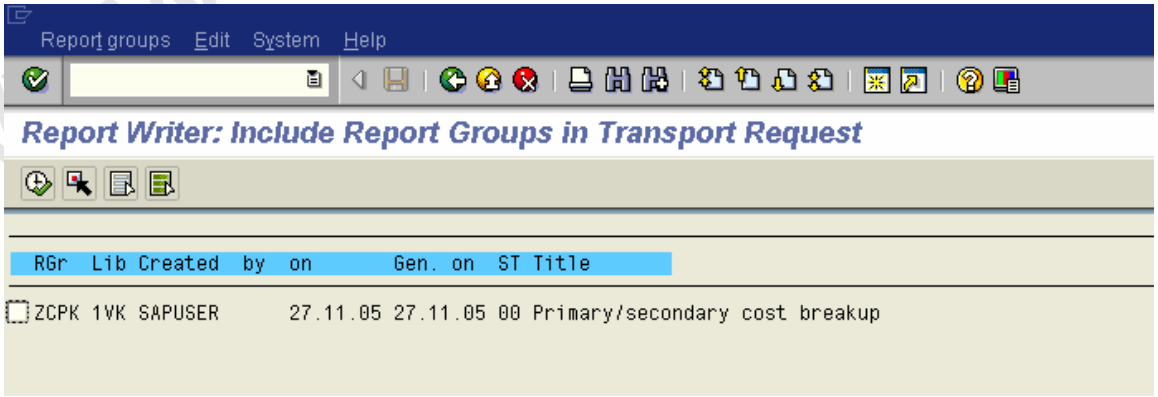
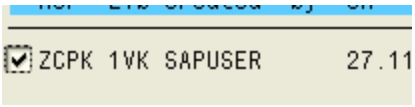
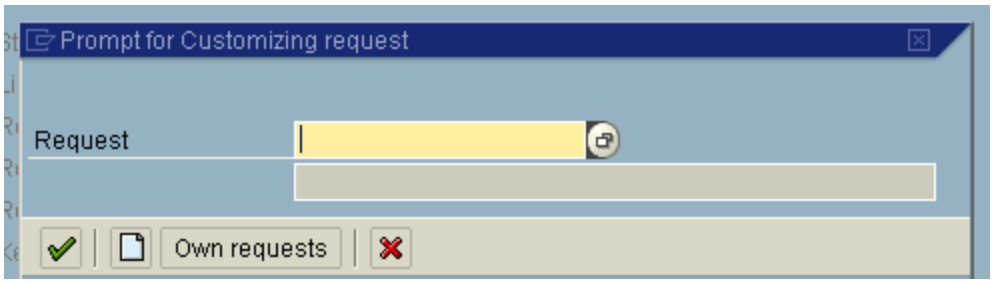


Click



Select the report





Click to create the request

That brings us to an end to report painter creation.

Let us summarize how we went about creating the report painter report:-

1) We first identified the Library which has the relevant characteristics and key figures – 1VK

2) We created a variable which was required to be used in the report painter

3) We created a report ZCC8-PK1 (a form) using the library 1VK. While saving the report we added the report to a report group ZCPK.

4) In the final steps we assigned some additional reports, transactions (KSBP, KSB1 and report group 1SIP)in the Report group ZCPK which can be used as drill down report in this report.

You can likewise create various reports on your own, based on the user's requirement.

It is easier to copy standard reports and modify them, rather then create a report through scratch the way we did above.

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SAP Report Painter

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