

Interactive Proc Report Version 8

Prepared by



International SAS[®] Training and Consulting

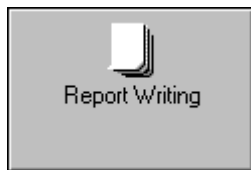
Destiny Corporation • 100 Great Meadow Road, Suite 601 • Wethersfield, CT 06109-2379

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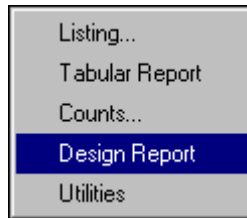
Web: WWW.DESTINYCORP.COM Email: info@destinycorp.com

2001-06-27

Interactive Report Generation



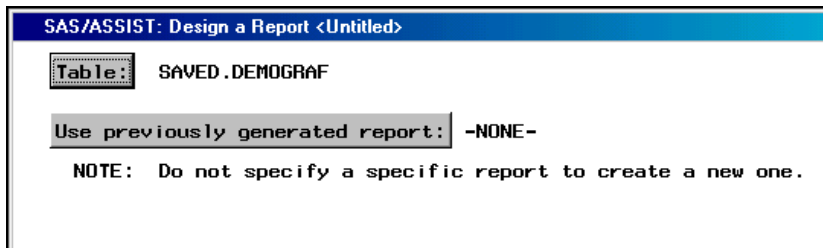
From the **Report Writing**, click on the



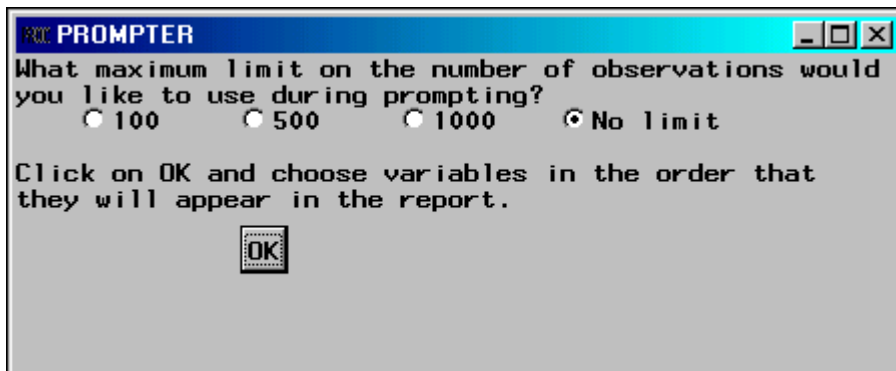
option. Select '**Design a**



Select **SAVED.DEMOGRAF** AS THE 'Active data set:'

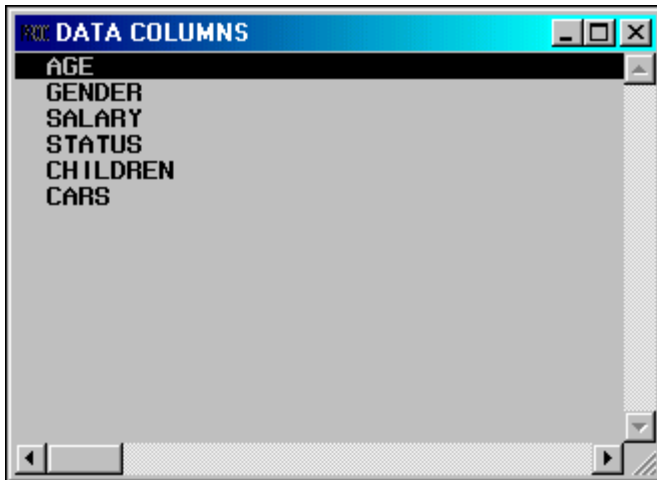


Run it and the prompter will appear. You can restrict the number of observations used to interactively create the report.

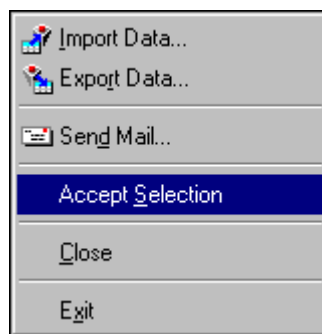
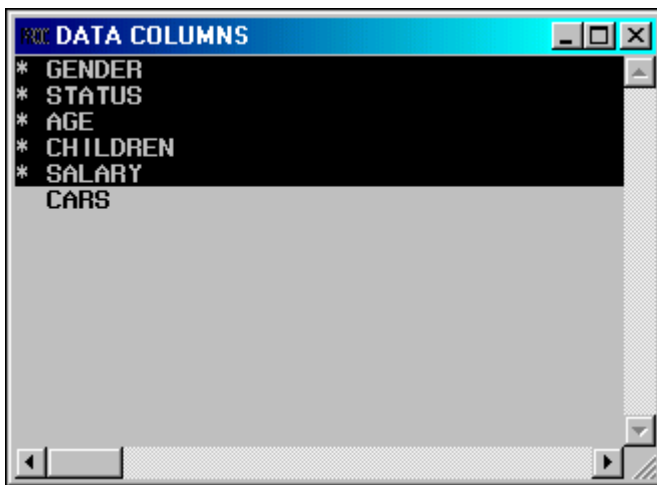


Click  since this is a small table.

The next screen prompts you for the columns to be displayed on the report from left to right.



Select the order.



Click on the File pulldown and

The following report is displayed.

GENDER	STATUS	AGE	CHILDREN
F	M	52	5
F	M	46	3
F	M	28	3
F	M	23	3
F	M	56	3
F	M	54	3
F	M	60	3
F	M	32	2
F	M	34	2
F	M	34	2
F	M	38	2
F	M	65	2
F	D	29	2
F	SEP	23	1
F	M	26	1
F	S	12	0
F	S	16	0
F	S	6	0
F	S	22	0
F	S	30	0
F	M	56	0
M	M	48	5
M	M	34	4
M	M	34	3
M	D	44	3
M	SEP	55	2
M	M	28	2
M	M	36	2
M	M	40	2
D	S	25	2
S	S	11	0
S	S	2	0
S	S	14	0
S	S	23	0
S	S	33	0

DEFINITION

Use GENDER to

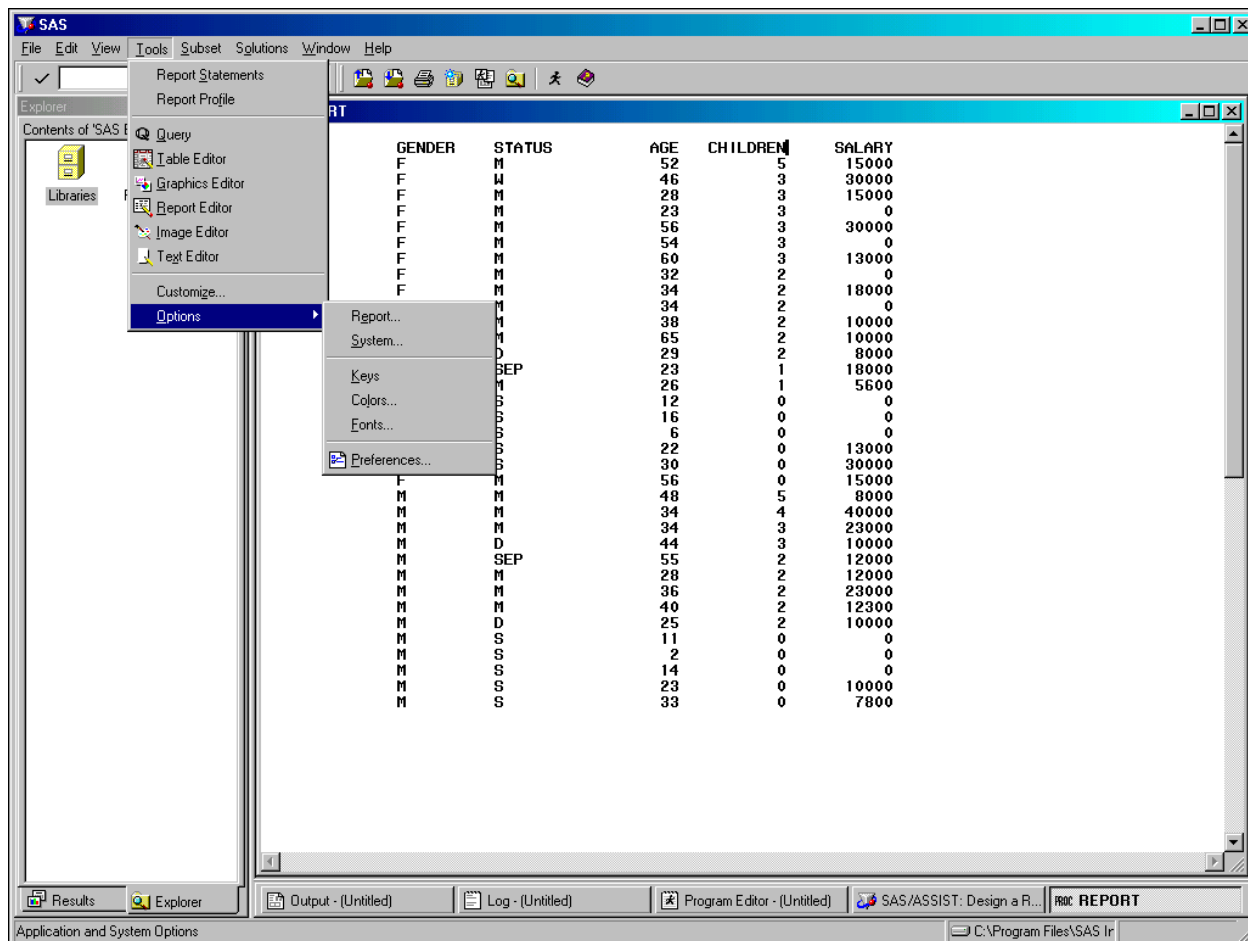
- ☒ DISPLAY its value from each observation
- ☐ ORDER report rows by its values
- ☐ GROUP observations into categories
- ☐ create columns for each of its values (ACROSS)
- ☐ contribute values to a statistic (ANALYSIS)

and you are prompted to define each column.

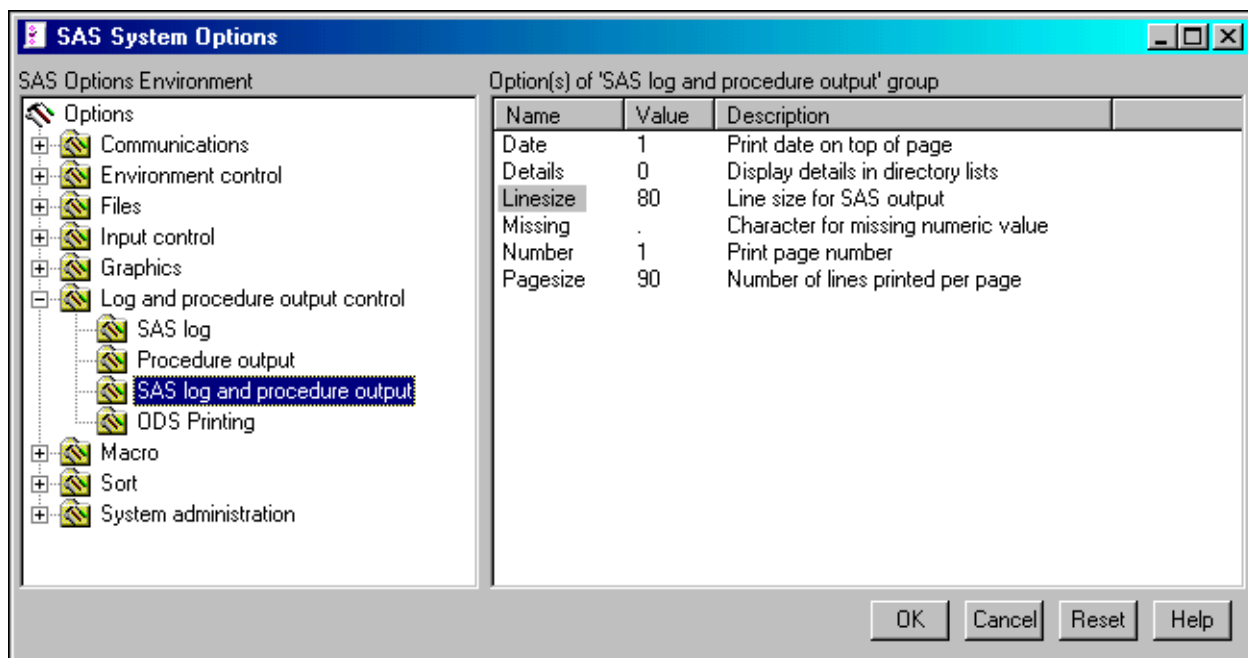
Click  on each of the prompt screens to accept the defaults. Notice character columns are automatically set to DISPLAY while numeric columns are automatically set to ANALYSIS.

For better display, change the default line size (width) to about 80 for this demonstration.

Click on the Tools pulldown, Options and System.

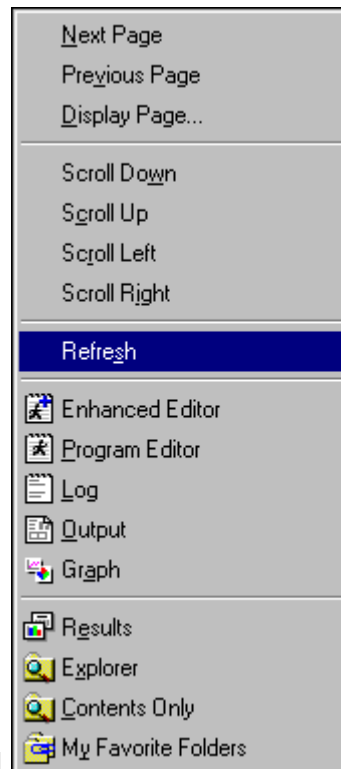


Select SAS Log and Procedure Output.



Double click on Linesize and change it to 80.

Select  when finished.



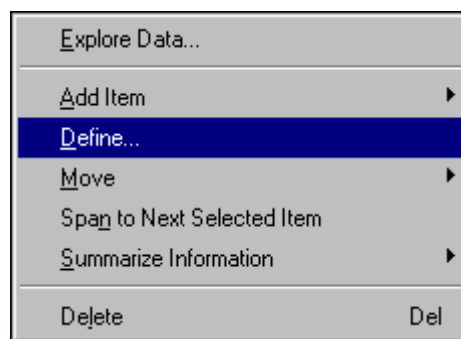
Refresh the report by selecting the View pull down and

REPORT				
GENDER	STATUS	AGE	CHILDREN	SALARY
F	M	52	5	15000
F	W	46	3	30000
F	M	28	3	15000
F	M	23	3	0
F	M	56	3	30000
F	M	54	3	0
F	M	60	3	13000
F	M	32	2	0
F	M	34	2	18000
F	M	34	2	0
F	M	38	2	10000
F	M	65	2	10000
F	D	29	2	8000
F	SEP	23	1	18000
F	M	26	1	5600
F	S	12	0	0
F	S	16	0	0
F	S	6	0	0
F	S	22	0	13000
F	S	30	0	30000
F	M	56	0	15000
M	M	48	5	8000
M	M	34	4	40000
M	M	34	3	23000
M	D	44	3	10000
M	SEP	55	2	12000
M	M	28	2	12000
M	M	36	2	23000
M	M	40	2	12300
M	D	25	2	10000
M	S	11	0	0
M	S	2	0	0
M	S	14	0	0
M	S	23	0	10000
M	S	33	0	7800

Let's enhance the report. Let's order the data and add subtotals and grand totals.

Highlight the Gender column.

RPT REPORT				
GENDER	STATUS	AGE	CHILDREN	SALARY
M	M	52	5	15000
M	W	46	3	30000
M	M	28	3	15000
M	M	23	3	0
M	M	56	3	30000
M	M	54	3	0
M	M	60	3	13000
M	M	32	2	0
M	M	34	2	18000
M	M	34	2	0
M	M	38	2	10000
M	M	65	2	10000
D	D	29	2	8000
SEP	SEP	23	1	18000
M	M	26	1	5600
S	S	12	0	0
S	S	16	0	0
S	S	6	0	0
S	S	22	0	13000
S	S	30	0	30000
M	M	56	0	15000
M	M	48	5	8000
M	M	34	4	40000
M	M	34	3	23000
D	D	44	3	10000
SEP	SEP	55	2	12000
M	M	28	2	12000
M	M	36	2	23000
M	M	40	2	12300
D	D	25	2	10000
S	S	11	0	0
S	S	2	0	0
S	S	14	0	0
S	S	23	0	10000
S	S	33	0	7800



Click the Edit pull down and

The following screen appears, allowing you to define the highlighted column.

PC DEFINITION

Definition of GENDER

Usage	Attributes	Options	Color
☒ DISPLAY	Format = \$8.	☐ NOPRINT	BLUE
☐ ORDER	Spacing = 2	☐ NOZERO	RED
☐ GROUP	Width = 8	☐ DESCENDING	PINK
☐ ACROSS	Statistic =	☐ PAGE	GREEN
☐ ANALYSIS	Order = FORMATTED	☐ FLOW	CYAN
☐ COMPUTED	Justify = LEFT	☐ ID column	YELLOW
	Data type = CHARACTER		WHITE
	Item help =		ORANGE
	Alias =		BLACK
			MAGENTA
			BROWN

Header = GENDER

Apply Edit Program OK Cancel

Change it to modify the Usage to be Order and change the Header label.

PC DEFINITION

Definition of GENDER

Usage	Attributes	Options	Color
☐ DISPLAY	Format = \$8.	☐ NOPRINT	BLUE
☒ ORDER	Spacing = 2	☐ NOZERO	RED
☐ GROUP	Width = 8	☐ DESCENDING	PINK
☐ ACROSS	Statistic =	☐ PAGE	GREEN
☐ ANALYSIS	Order = FORMATTED	☐ FLOW	CYAN
☐ COMPUTED	Justify = LEFT	☐ ID column	YELLOW
	Data type = CHARACTER		WHITE
	Item help =		ORANGE
	Alias =		BLACK
			MAGENTA
			BROWN

Header = Gender of Employee

Apply Edit Program OK Cancel

Click **Apply** to see the results immediately and **OK** when done.

REPORT

Gender of Employee	STATUS	AGE	CHILDREN	SALARY
F	D	29	2	8000
	M	52	5	15000
		28	3	15000
		23	3	0
		56	3	30000
		54	3	0
		60	3	13000
		32	2	0
		34	2	18000
		34	2	0
		38	2	10000
		65	2	10000
		26	1	5600
	S	56	0	15000
		12	0	0
		16	0	0
		6	0	0
		22	0	13000
		30	0	30000
	SEP	23	1	18000
	W	46	3	30000
M	D	44	3	10000
		25	2	10000
	M	40	5	8000

DEFINITION

Definition of GENDER

Usage	Attributes	Options	Color
☐ DISPLAY	Format = \$8.	☐ NOPRINT	BLUE
☒ ORDER	Spacing = 2	☐ NOZERO	RED
☐ GROUP	Width = 8	☐ DESCENDING	PINK
☐ ACROSS	Statistic =	☐ PAGE	GREEN
☐ ANALYSIS	Order = FORMATTED	☐ FLOW	CYAN
☐ COMPUTED	Justify = LEFT	☐ ID column	YELLOW
	Data type = CHARACTER		WHITE
	Item help =		ORANGE
	Alias =		BLACK
			MAGENTA
			BROWN

Header = Gender of Employee

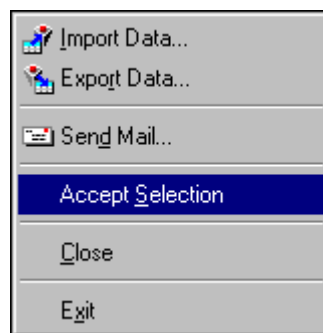
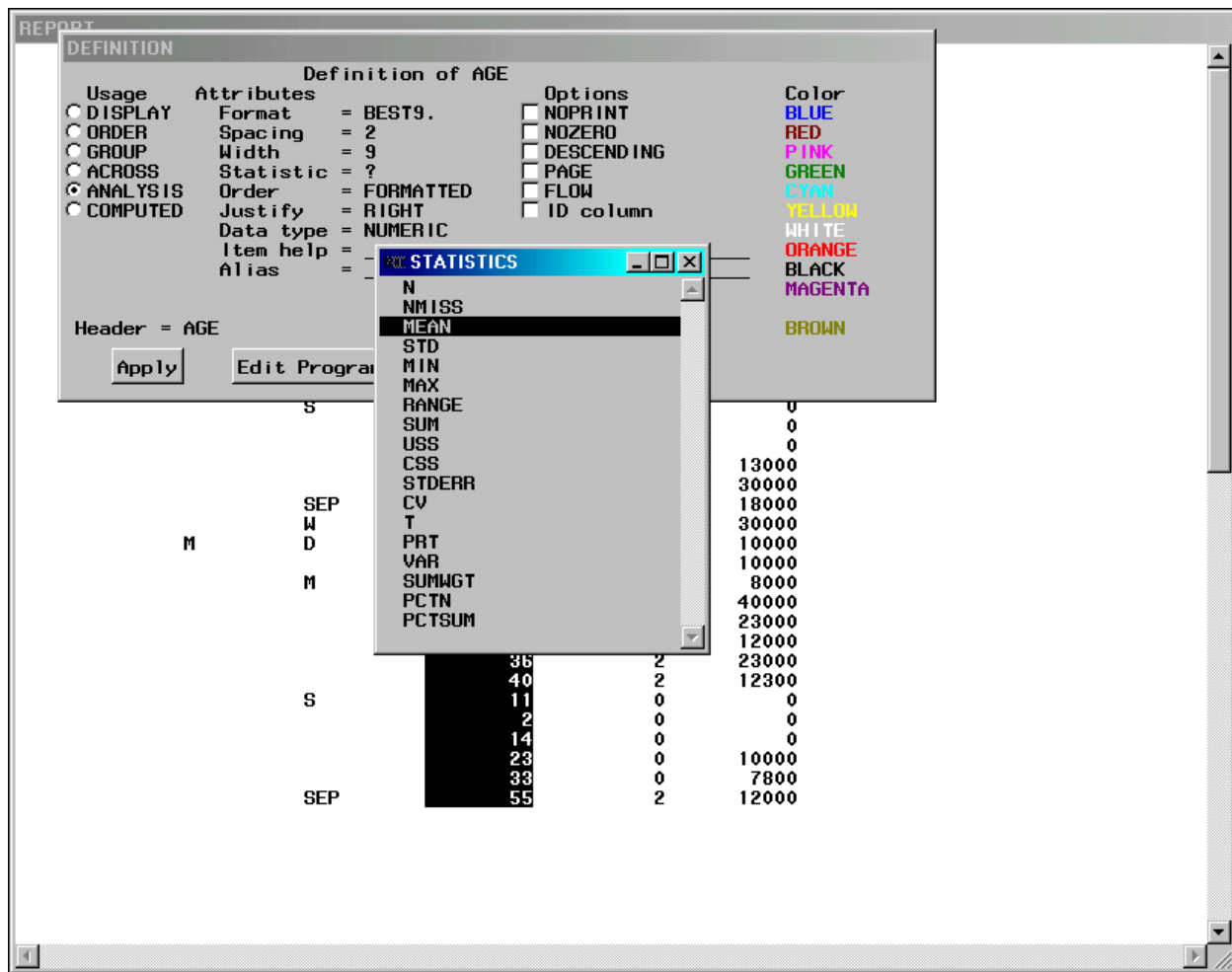
Notice how both GENDER and STATUS were both redefined as Order.

Change the Age column's default statistic to Mean.

REPORT				
Gender of Employee	STATUS	AGE	CHILDREN	SALARY
F	D	29	2	8000
		52	5	15000
		28	3	15000
		23	3	0
		56	3	30000
		54	3	0
		60	3	13000
		32	2	0
		34	2	18000
		34	2	0
		38	2	10000
		65	2	10000
		26	1	5600
		56	0	15000
		12	0	0
M	S	16	0	0
		6	0	0
		22	0	13000
		30	0	30000
		23	1	18000
		46	3	30000
		44	3	10000
		25	2	10000
		48	5	8000
		34	4	40000
		34	3	23000
		28	2	12000
		36	2	23000
		40	2	12300
		11	0	0
		2	0	0
		14	0	0
		23	0	10000
		33	0	7800
		55	2	12000

DEFINITION			
Definition of AGE			
Usage	Attributes	Options	Color
☐ DISPLAY	Format = BEST9.	☐ NOPRINT	BLUE
☐ ORDER	Spacing = 2	☐ NOZERO	RED
☐ GROUP	Width = 9	☐ DESCENDING	PINK
☐ ACROSS	Statistic = ?	☐ PAGE	GREEN
☒ ANALYSIS	Order = FORMATTED	☐ FLOW	CYAN
☐ COMPUTED	Justify = RIGHT	☐ ID column	YELLOW
	Data type = NUMERIC		WHITE
	Item help =		ORANGE
	Alias =		BLACK
			MAGENTA
			BROWN
Header = AGE			
Apply Edit Program OK Cancel			

Type a ? in the statistic field to see the possible statistics.



Select Mean, the File pull down, and change the header label.

DEFINITION

Definition of AGE

Usage	Attributes	Options	Color
☐ DISPLAY	Format = BEST9.	☐ NOPRINT	BLUE
☐ ORDER	Spacing = 2	☐ NOZERO	RED
☐ GROUP	Width = 9	☐ DESCENDING	PINK
☐ ACROSS	Statistic = MEAN	☐ PAGE	GREEN
☒ ANALYSIS	Order = FORMATTED	☐ FLOW	CYAN
☐ COMPUTED	Justify = RIGHT	☐ ID column	YELLOW
	Data type = NUMERIC		WHITE
	Item help = _____		ORANGE
	Alias = _____		BLACK
			MAGENTA
			BROWN

Header = Age of Employee

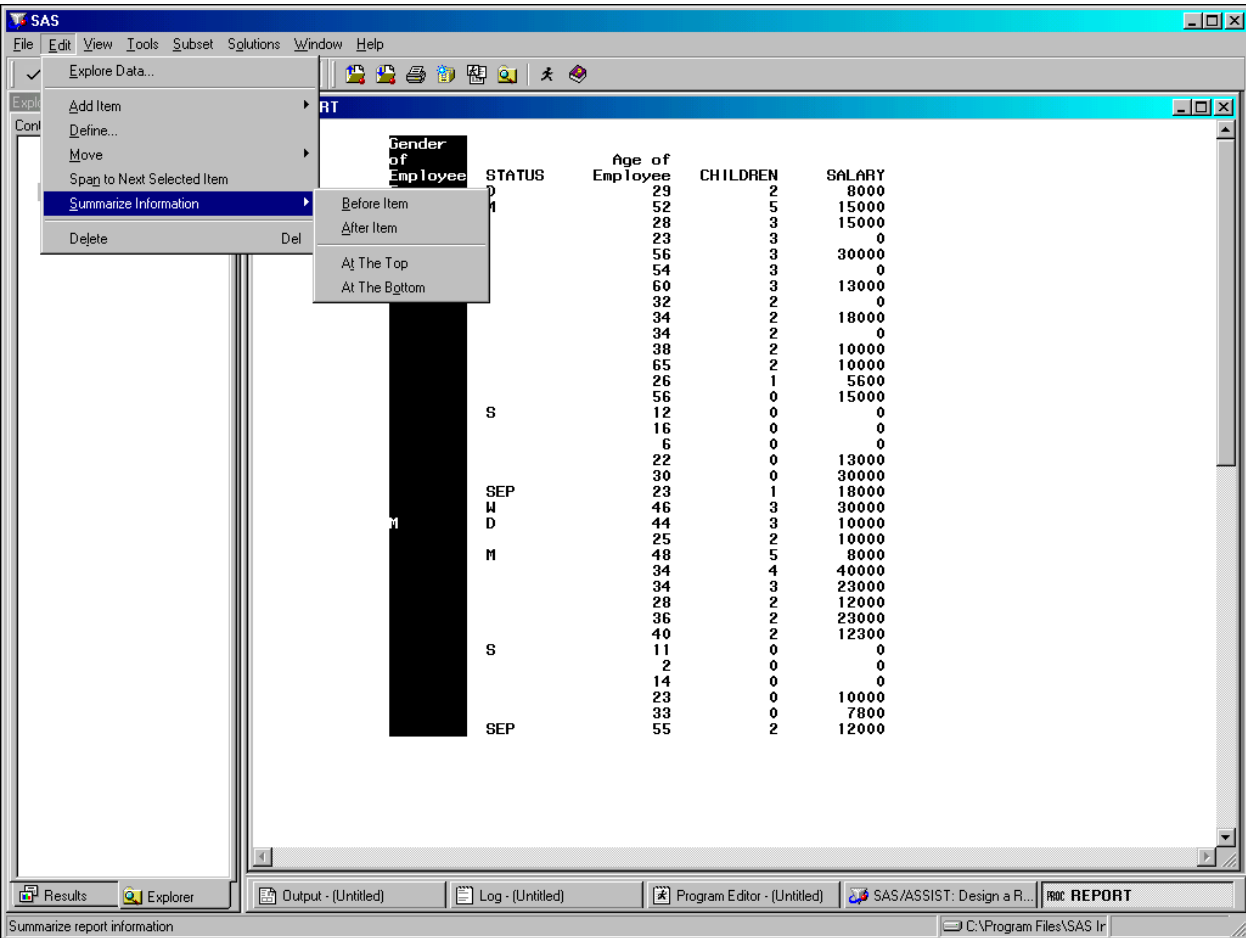
Apply Edit Program OK Cancel

Click **OK** when finished.

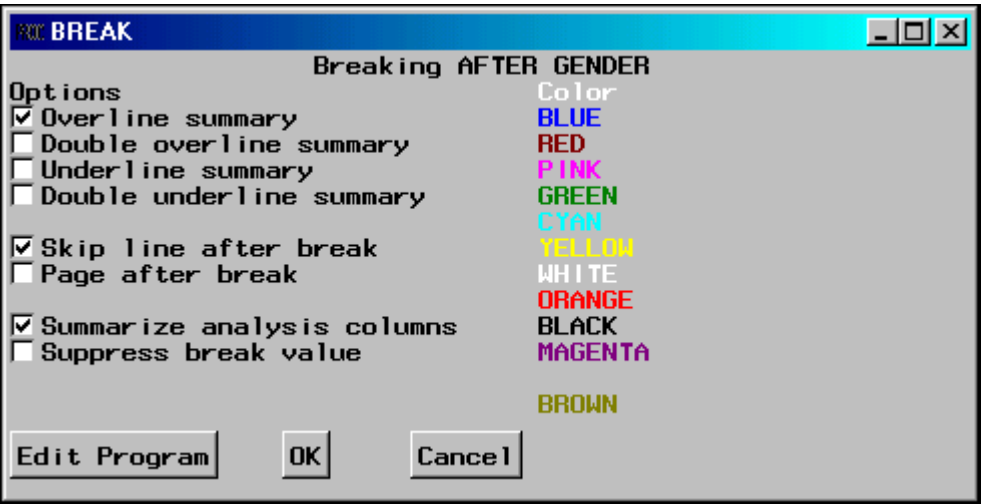
Now, let's add subtotals to the Gender Level. Highlight the Gender column.

REPORT				
Gender of Employee	STATUS	Age of Employee	CHILDREN	SALARY
F	D	29	2	8000
		52	5	15000
	M	28	3	15000
		23	3	0
		56	3	30000
		54	3	0
		60	3	13000
		32	2	0
		34	2	18000
		34	2	0
M		38	2	10000
		65	2	10000
	S	26	1	5600
		56	0	15000
		12	0	0
		16	0	0
		6	0	0
		22	0	13000
		30	0	30000
		23	1	18000
SEP	W	46	3	30000
		44	3	10000
	D	25	2	10000
		48	5	8000
	M	34	4	40000
		34	3	23000
		28	2	12000
		36	2	23000
		40	2	12300
		S	11	0
SEP		2	0	0
		14	0	0
		23	0	10000
		33	0	7800
		55	2	12000

Select the Edit pull down, Summarize information, After Item.



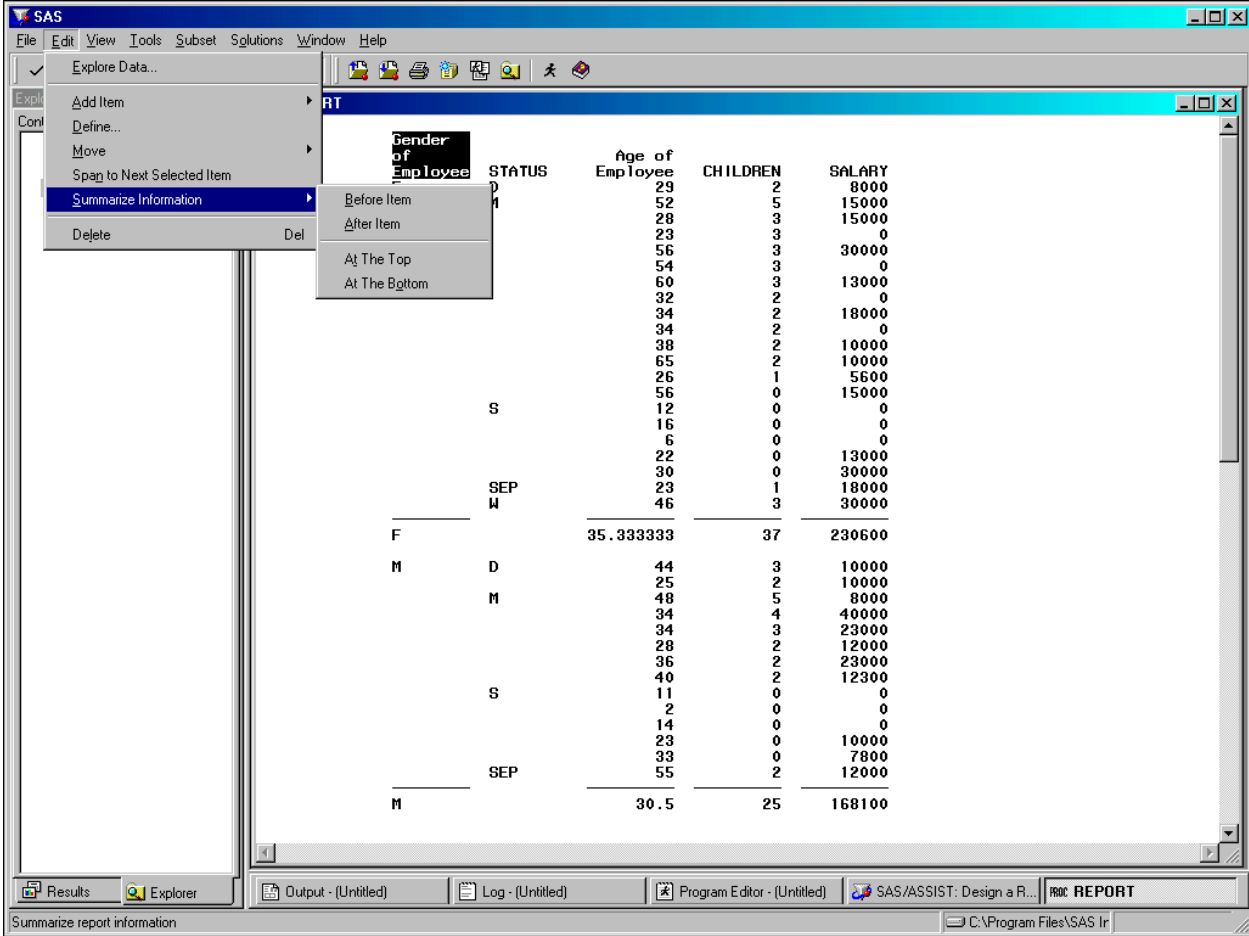
Change the following screen to specify how to break, which request summarization, an overline and to skip a line after the subtotal.



Click  when finished.

Let's add a grand total.

Select the Edit pull down and Summarize information At The Top.



The screenshot shows the SAS interface with a data table. The 'Edit' menu is open, and 'Summarize Information' is selected, with a sub-menu showing 'At The Top'.

Gender of Employee	STATUS	Age of Employee	CHILDREN	SALARY
D		29	2	8000
M		52	5	15000
		28	3	15000
		23	3	0
		56	3	30000
		54	3	0
		60	3	13000
		32	2	0
		34	2	18000
		34	2	0
		38	2	10000
		65	2	10000
		26	1	5600
		56	0	15000
S		12	0	0
		16	0	0
		6	0	0
		22	0	13000
		30	0	30000
SEP		23	1	18000
W		46	3	30000
F		35.333333	37	230600
M	D	44	3	10000
		25	2	10000
	M	48	5	8000
		34	4	40000
		34	3	23000
		28	2	12000
		36	2	23000
		40	2	12300
	S	11	0	0
		2	0	0
		14	0	0
		23	0	10000
		33	0	7800
SEP		55	2	12000
M		30.5	25	168100

Modify the screen to look like the following.

BREAK Breaking at top of report

Options

☐ Overline summary

☐ Double overline summary

☐ Underline summary

☒ Double underline summary

☐ Skip line after break

☐ Page after break

☒ Summarize analysis columns

☐ Suppress break value

Color

BLUE

RED

PINK

GREEN

CYAN

YELLOW

WHITE

ORANGE

BLACK

MAGENTA

BROWN

Edit Program OK Cancel

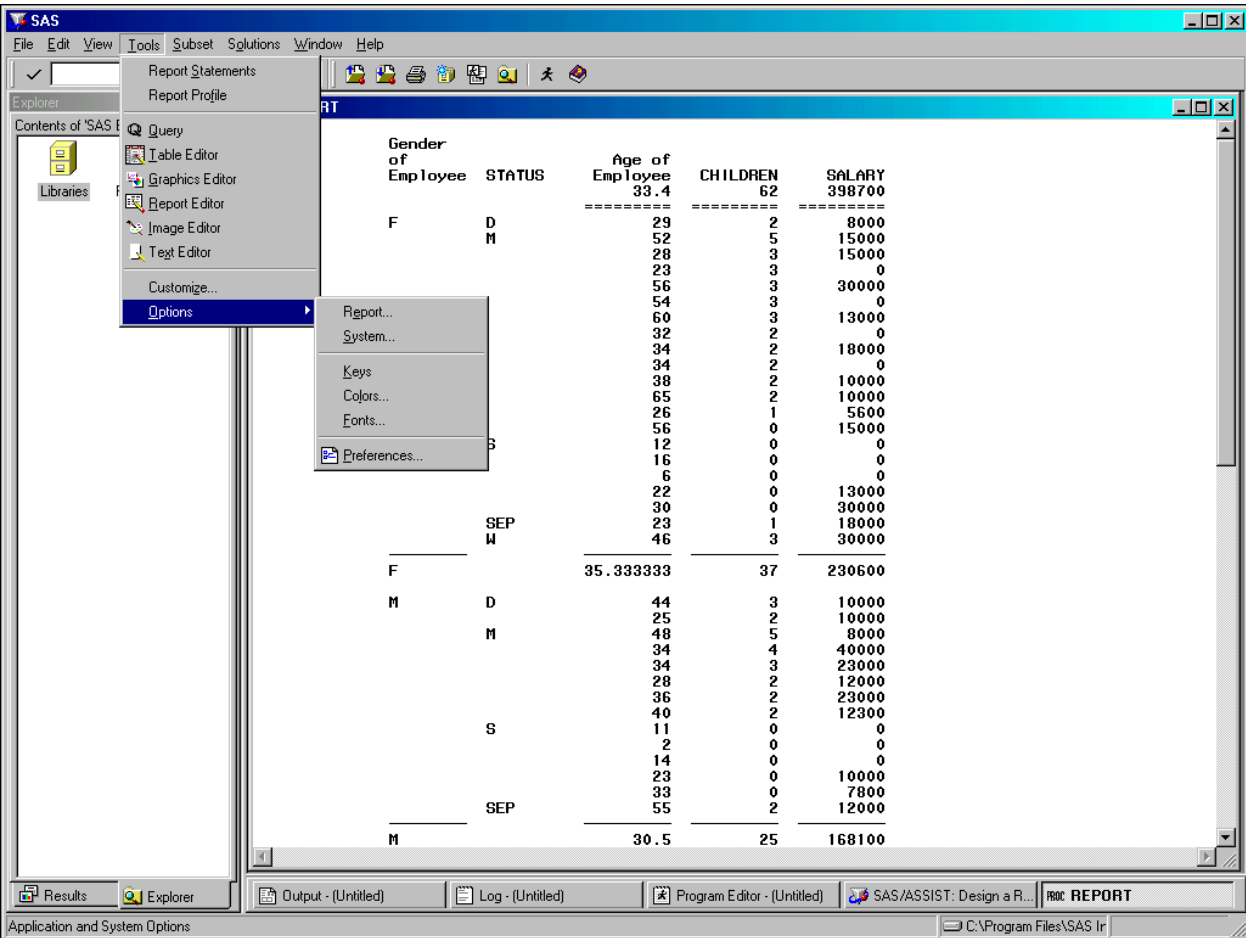
Click **OK** when finished.

REPORT

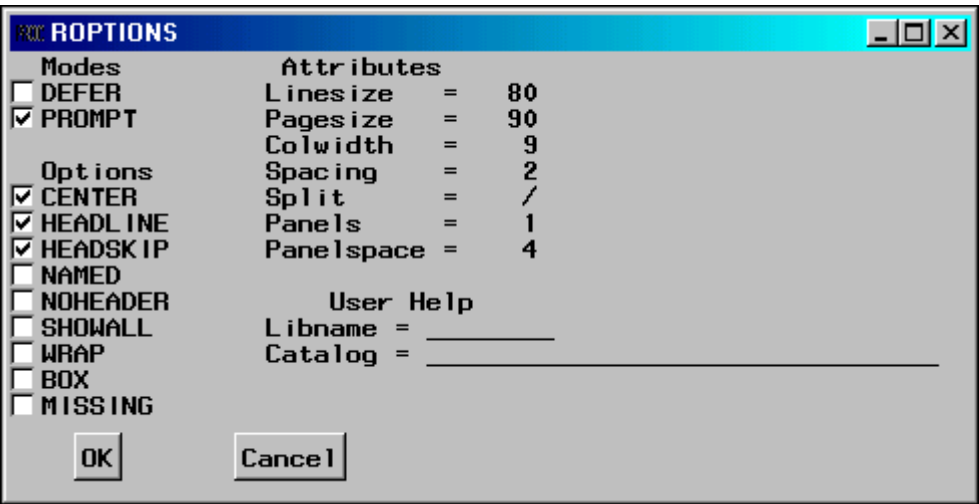
Gender of Employee	STATUS	Age of Employee 33.4	CHILDREN 62	SALARY 398700
=====				
F	D	29	2	8000
		52	5	15000
		28	3	15000
		23	3	0
		56	3	30000
		54	3	0
		60	3	13000
		32	2	0
	S	34	2	18000
		34	2	0
		38	2	10000
		65	2	10000
		26	1	5600
		56	0	15000
		12	0	0
		16	0	0
	SEP	6	0	0
		22	0	13000
		30	0	30000
		23	1	18000
	W	46	3	30000
F		35.333333	37	230600
M	D	44	3	10000
		25	2	10000
		48	5	8000
		34	4	40000
	M	34	3	23000
		28	2	12000
		36	2	23000
		40	2	12300
	S	11	0	0
		2	0	0
		14	0	0
		23	0	10000
	SEP	33	0	7800
		55	2	12000
M		30.5	25	168100

Let's add some final touches, including titles and headers.

Select the Tools pull down, Options, Report.



Select Headline and Headskip.



Click  when finished.

REPORT				
Gender of Employee	STATUS	Age of Employee	CHILDREN	SALARY
		33.4	62	398700
		=====	=====	=====
F	D	29	2	8000
		52	5	15000
		28	3	15000
		23	3	0
		56	3	30000
		54	3	0
		60	3	13000
		32	2	0
		34	2	18000
		34	2	0
		38	2	10000
		65	2	10000
		26	1	5600
		56	0	15000
	S	12	0	0
		16	0	0
		6	0	0
		22	0	13000
	SEP	30	0	30000
		23	1	18000
	W	46	3	30000
F		35.333333	37	230600
M	D	44	3	10000
		25	2	10000
	M	48	5	8000
		34	4	40000
		34	3	23000
		28	2	12000
		36	2	23000
	S	40	2	12300
		11	0	0
		2	0	0
		14	0	0
		23	0	10000
	SEP	33	0	7800
		55	2	12000

Where...

Where Also...

Undo Last Where

Let's subset the report. Select the Subset pull down and

Where

Enter where clause:

salary > 0

OK

Cancel

Click

OK

RPT REPORT				
Gender of Employee	STATUS	Age of Employee	CHILDREN	SALARY
		38.6	52	398700
		=====	=====	=====
F	D	29	2	8000
		52	5	15000
	M	28	3	15000
		56	3	30000
		60	3	13000
		34	2	18000
		38	2	10000
		65	2	10000
		26	1	5600
		56	0	15000
	S	22	0	13000
	SEP	30	0	30000
		23	1	18000
	W	46	3	30000
F		40.357143	27	230600
M	D	44	3	10000
		25	2	10000
	M	48	5	8000
		34	4	40000
		34	3	23000
		28	2	12000
		36	2	23000
		40	2	12300
	S	23	0	10000
		33	0	7800
	SEP	55	2	12000
M		36.363636	25	168100

Let's add a computed column to the right (very important) of the existing data. We will add a new column called RAISE. It will use SALARY, which will be printed to the left. SALARY must be available so RAISE can use it in a calculation.

Highlight Salary, select the Edit pull down, Add Item, Computed, Right.

SAS

File Edit View Tools Subset Solutions Window Help

Explore Data...

Explore Data... Add Item Define... Move Span to Next Selected Item Summarize Information Delete

Data Column Computed Column Statistic Header Line

Right Left Above Below

	Age of Employee	CHILDREN	SALARY
	38.6	52	398700
F	29	2	8000
D	52	5	15000
M	28	3	15000
	56	3	30000
	60	3	13000
	34	2	18000
	38	2	10000
	65	2	10000
	26	1	5600
	56	0	15000
S	22	0	13000
	30	0	30000
SEP	23	1	18000
W	46	3	30000
F	40.357143	27	230600
M	44	3	10000
D	25	2	10000
M	48	5	8000
	34	4	40000
	34	3	23000
	28	2	12000
	36	2	23000
	40	2	12300
S	23	0	10000
	33	0	7800
SEP	55	2	12000
M	36.363636	25	168100

Results Explorer Output - (Untitled) Log - (Untitled) Program Editor - (Untitled) SAS/ASSIST: Design a R... PROC REPORT

Add a computed column C:\Program Files\SAS Ir

COMPUTED VAR

Variable name: _____

☐ Character data

Length = _____

Edit Program OK Cancel

Type in the name of RAISE.

COMPUTED VAR

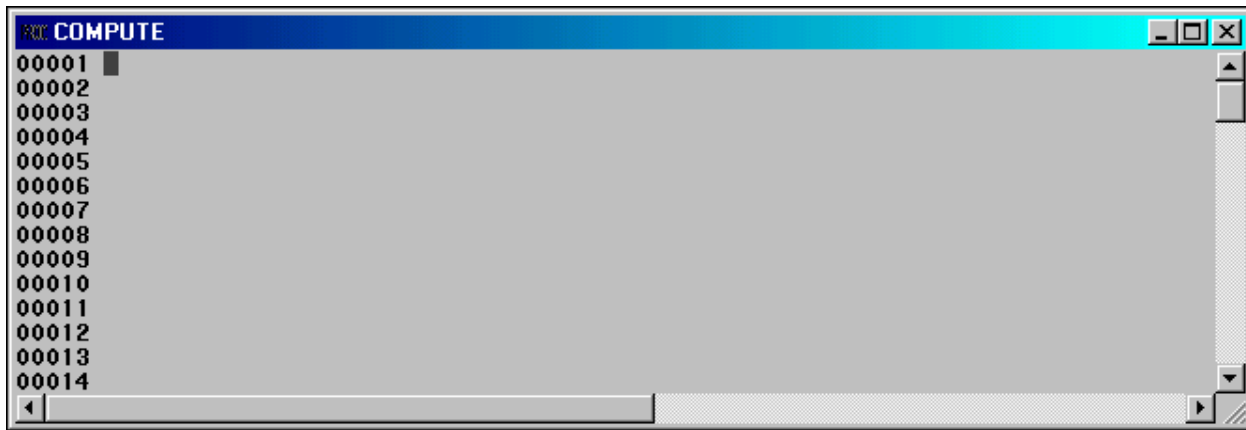
Variable name: RAISE

☐ Character data

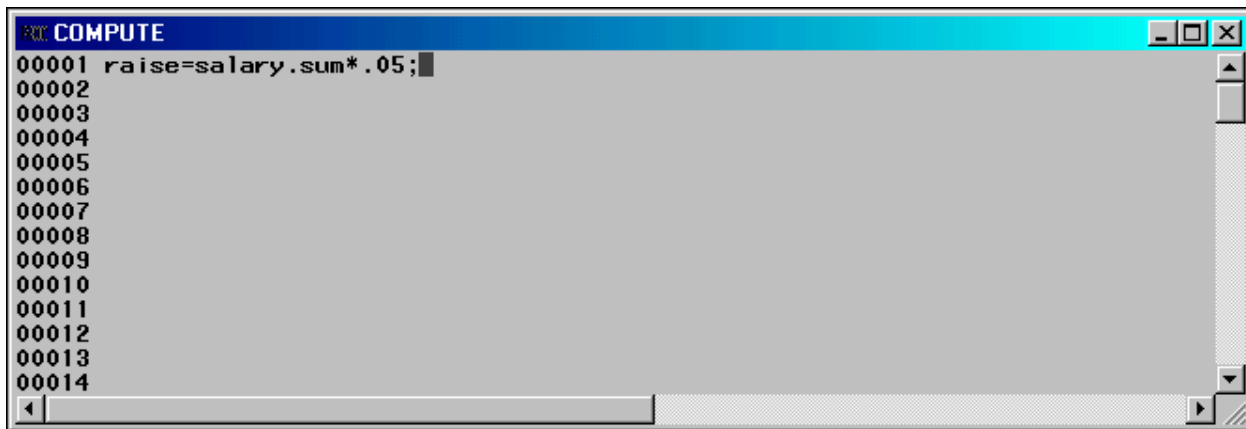
Length = _____

Edit Program OK Cancel

Click **Edit Program** to see



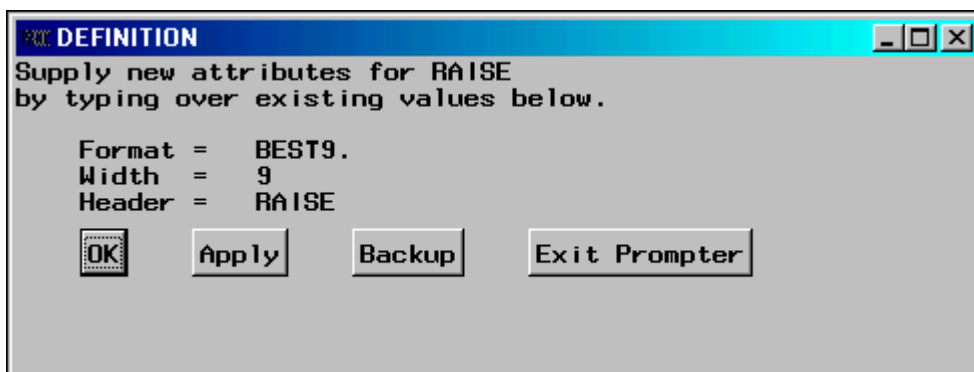
Type in the calculation.



Remember, SALARY is really known as SALARY.SUM, because the statistic has been applied to the column on the report.

Close the window and click .

Define the column as necessary.



Click  and the following is displayed.

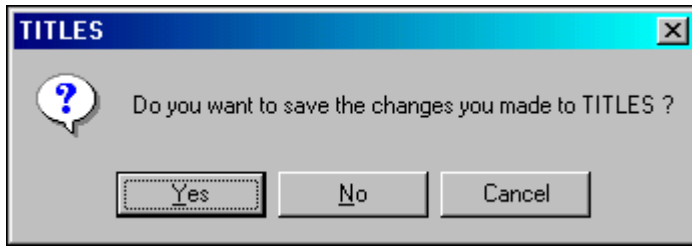
PROC REPORT					
Gender of Employee	STATUS	Age of Employee	CHILDREN	SALARY	RAISE
F	D	38.6	52	398700	19935
		=====	=====	=====	=====
		29	2	8000	400
		52	5	15000	750
		28	3	15000	750
		56	3	30000	1500
		60	3	13000	650
		34	2	18000	900
		38	2	10000	500
		65	2	10000	500
		26	1	5600	280
		56	0	15000	750
	S	22	0	13000	650
		30	0	30000	1500
	SEP	23	1	18000	900
		46	3	30000	1500
F		40.357143	27	230600	11530
M	D	44	3	10000	500
		25	2	10000	500
		48	5	8000	400
		34	4	40000	2000
		34	3	23000	1150
		28	2	12000	600
		36	2	23000	1150
		40	2	12300	615
		23	0	10000	500
		33	0	7800	390
	SEP	55	2	12000	600
M		36.363636	25	168100	8405

Add a title by opening up the title window.

Type in the command box.

TITLES	
Title	Value
1	This is an example of Proc Report
2	
3	
4	
5	
6	
7	
8	
9	
10	

Modify as necessary and close.



Click 

RT REPORT					
Gender of Employee	STATUS	Age of Employee	CHILDREN	SALARY	RAISE
F	D	38.6	52	398700	19935
		29	2	8000	400
		52	5	15000	750
		28	3	15000	750
		56	3	30000	1500
		60	3	13000	650
		34	2	18000	900
		38	2	10000	500
		65	2	10000	500
		26	1	5600	280
	S	56	0	15000	750
		22	0	13000	650
		30	0	30000	1500
	SEP	23	1	18000	900
		46	3	30000	1500
F		40.357143	27	230600	11530
M	D	44	3	10000	500
		25	2	10000	500
		48	5	8000	400
		34	4	40000	2000
		34	3	23000	1150
	M	28	2	12000	600
		36	2	23000	1150
		40	2	12300	615
		23	0	10000	500
		33	0	7800	390
	SEP	55	2	12000	600
M		36.363636	25	168100	8405

Titles don't appear until the display is refreshed. Select the View pull down and

Next Page
Previous Page
Display Page...
Scroll Down
Scroll Up
Scroll Left
Scroll Right
Refresh

REPORT					
This is an example of Proc Report					
Gender of Employee	STATUS	Age of Employee	CHILDREN	SALARY	RAISE
F	D	38.6	52	398700	19935
		29	2	8000	400
		52	5	15000	750
		28	3	15000	750
		56	3	30000	1500
		60	3	13000	650
		34	2	18000	900
		38	2	10000	500
		65	2	10000	500
		26	1	5600	280
	S	56	0	15000	750
		22	0	13000	650
		30	0	30000	1500
		23	1	18000	900
		46	3	30000	1500
F		40.357143	27	230600	11530
M	D	44	3	10000	500
		25	2	10000	500
		48	5	8000	400
		34	4	40000	2000
		34	3	23000	1150
	S	28	2	12000	600
		36	2	23000	1150
		40	2	12300	615
		23	0	10000	500
		33	0	7800	390
	SEP	55	2	12000	600
M		36.363636	25	168100	8405

Finally, let's consider how grouping is used. First, we must restructure the report. Remove subtotalling and change all Order definitions to Group.

Highlight GENDER.

REPORT

This is an example of Proc Report 1

Gender of Employee	STATUS	Age of Employee	CHILDREN	SALARY	RAISE
F	D	38.6	52	398700	19935
		29	2	8000	400
		52	5	15000	750
		28	3	15000	750
		56	3	30000	1500
	M	60	3	13000	650
		34	2	18000	900
		38	2	10000	500
		65	2	10000	500
		26	1	5600	280
	S	56	0	15000	750
		22	0	13000	650
		30	0	30000	1500
	SEP	23	1	18000	900
	W	46	3	30000	1500
		40.357143	27	230600	11530
M	D	44	3	10000	500
		25	2	10000	500
		48	5	8000	400
		34	4	40000	2000
		34	3	23000	1150
	M	28	2	12000	600
		36	2	23000	1150
		40	2	12300	615
		23	0	10000	500
		33	0	7800	390
	S	55	2	12000	600
	SEP				
		36.363636	25	168100	8405

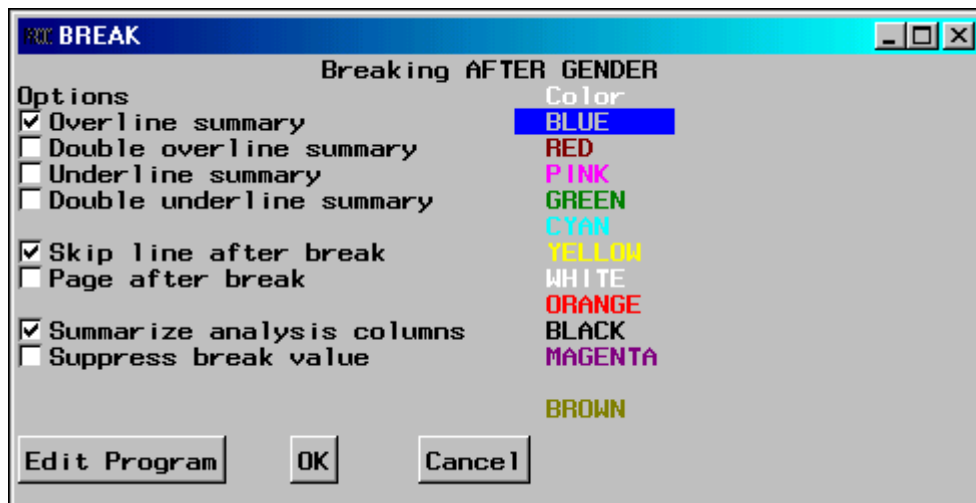
Before Item

After Item

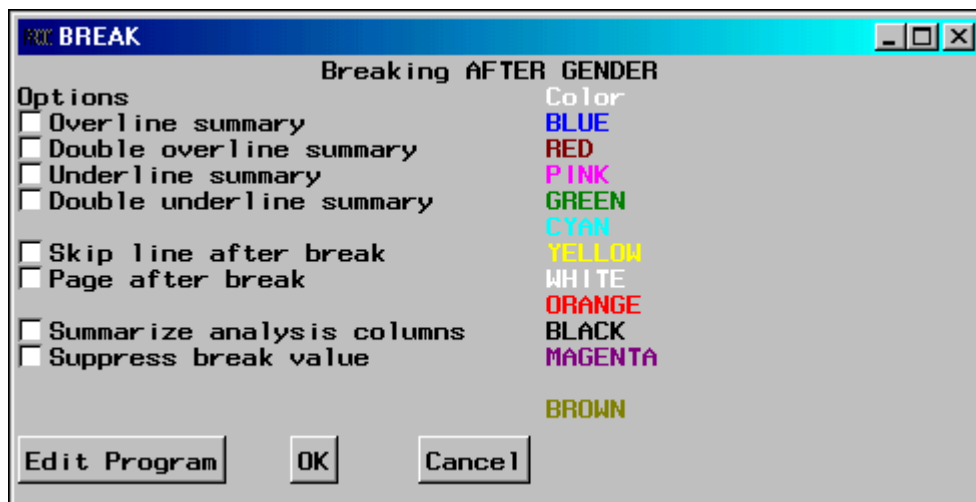
At The Top

At The Bottom

Select the Edit pull down and Summarize Information,

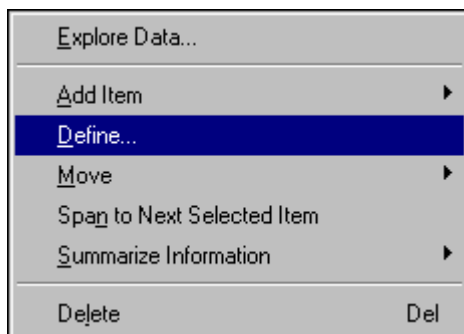


Unselect summary information.



Click 

While GENDER is still highlighted, select the Edit pull down and



Change the Definition to Group.

PROC DEFINITION

Definition of GENDER

Usage	Attributes	Options	Color
☐ DISPLAY	Format = \$8.	☐ NOPRINT	BLUE
☐ ORDER	Spacing = 2	☐ NOZERO	RED
☒ GROUP	Width = 8	☐ DESCENDING	PINK
☐ ACROSS	Statistic =	☐ PAGE	GREEN
☐ ANALYSIS	Order = FORMATTED	☐ FLOW	CYAN
☐ COMPUTED	Justify = LEFT	☐ ID column	YELLOW
	Data type = CHARACTER		WHITE
	Item help =		ORANGE
	Alias =		BLACK
			MAGENTA
			BROWN

Header = Gender of Employee

Click and see the result.

PROC REPORT

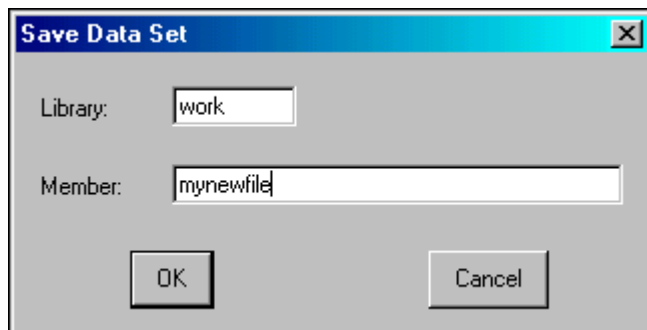
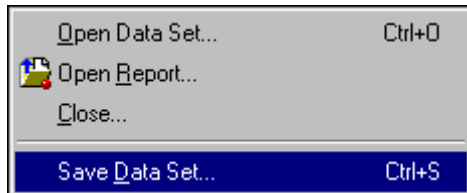
This is an example of Proc Report 1

Gender of Employee	STATUS	Age of Employee	CHILDREN	SALARY	RAISE
		38.6	52	398700	19935
		=====	=====	=====	=====
F	D	29	2	8000	400
	M	46.111111	21	131600	6580
	S	26	0	43000	2150
	SEP	23	1	18000	900
	W	46	3	30000	1500
M	D	34.5	5	20000	1000
	M	36.666667	18	118300	5915
	S	28	0	17800	890
	SEP	55	2	12000	600

Notice how the report can also do the summarization for us.

Two utilities can be useful here. We can take this report structure and output it to a SAS data set or we can simply save the code for future use.

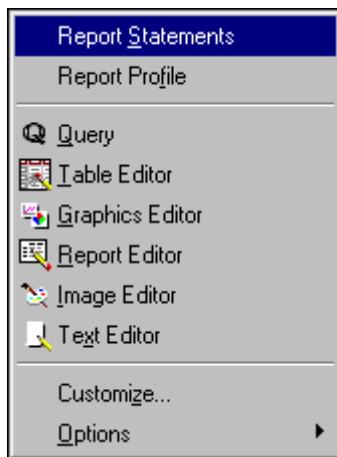
To output the result to a data set, select the File pull down and select



VIEWTABLE: work.mynewfile

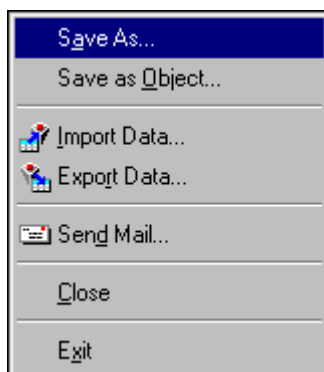
	Gender of Employee	STATUS	Age of Employee	CHILDREN	SALARY	RAISE	_BREAK_
1			38.6	52	398700	19935	_RBREAK_
2	F	D	29	2	8000	400	
3	F	M	46.111111111	21	131600	6580	
4	F	S	26	0	43000	2150	
5	F	SEP	23	1	18000	900	
6	F	W	46	3	30000	1500	
7	M	D	34.5	5	20000	1000	
8	M	M	36.666666667	18	118300	5915	
9	M	S	28	0	17800	890	
10	M	SEP	55	2	12000	600	

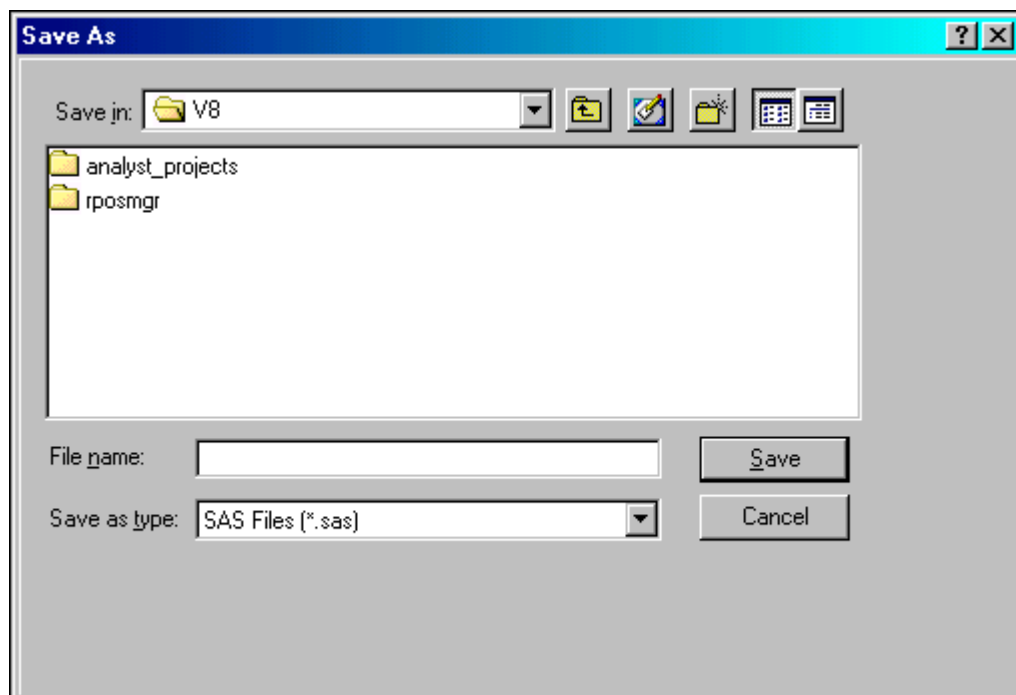
To save the code created to a file, simple select on the Tools pull down and



```
00001 PROC REPORT DATA=SAVED.DEMOGRAF LS=80 PS=90 SPLIT="/" HEADLINE HEADSKIP
00002     CENTER ;
00003 COLUMN  GENDER STATUS AGE CHILDREN SALARY RAISE;
00004
00005 DEFINE  GENDER / GROUP FORMAT= $8. WIDTH=8 SPACING=2 LEFT
00006 "Gender of Employee" ;
00007 DEFINE  STATUS / GROUP FORMAT= $STATFMT8. WIDTH=8 SPACING=2 LEFT "STATUS" ;
00008 DEFINE  AGE / MEAN FORMAT= BEST9. WIDTH=9 SPACING=2 RIGHT "Age of Employee"
00009 ;
00010 DEFINE  CHILDREN / SUM FORMAT= BEST9. WIDTH=9 SPACING=2 RIGHT "CHILDREN" ;
00011 DEFINE  SALARY / SUM FORMAT= BEST9. WIDTH=9 SPACING=2 RIGHT "SALARY" ;
00012 DEFINE  RAISE / COMPUTED FORMAT= BEST9. WIDTH=9 SPACING=2 RIGHT "RAISE" ;
00013
00014 COMPUTE  RAISE;
00015 raise = salary.sum * .05;
00016 ENDCOMP;
00017
00018 RBREAK BEFORE / DUL SUMMARIZE ;
00019 RUN;
```

Notice no Title statements are part of the code. Select the File pull down





and give it a name.