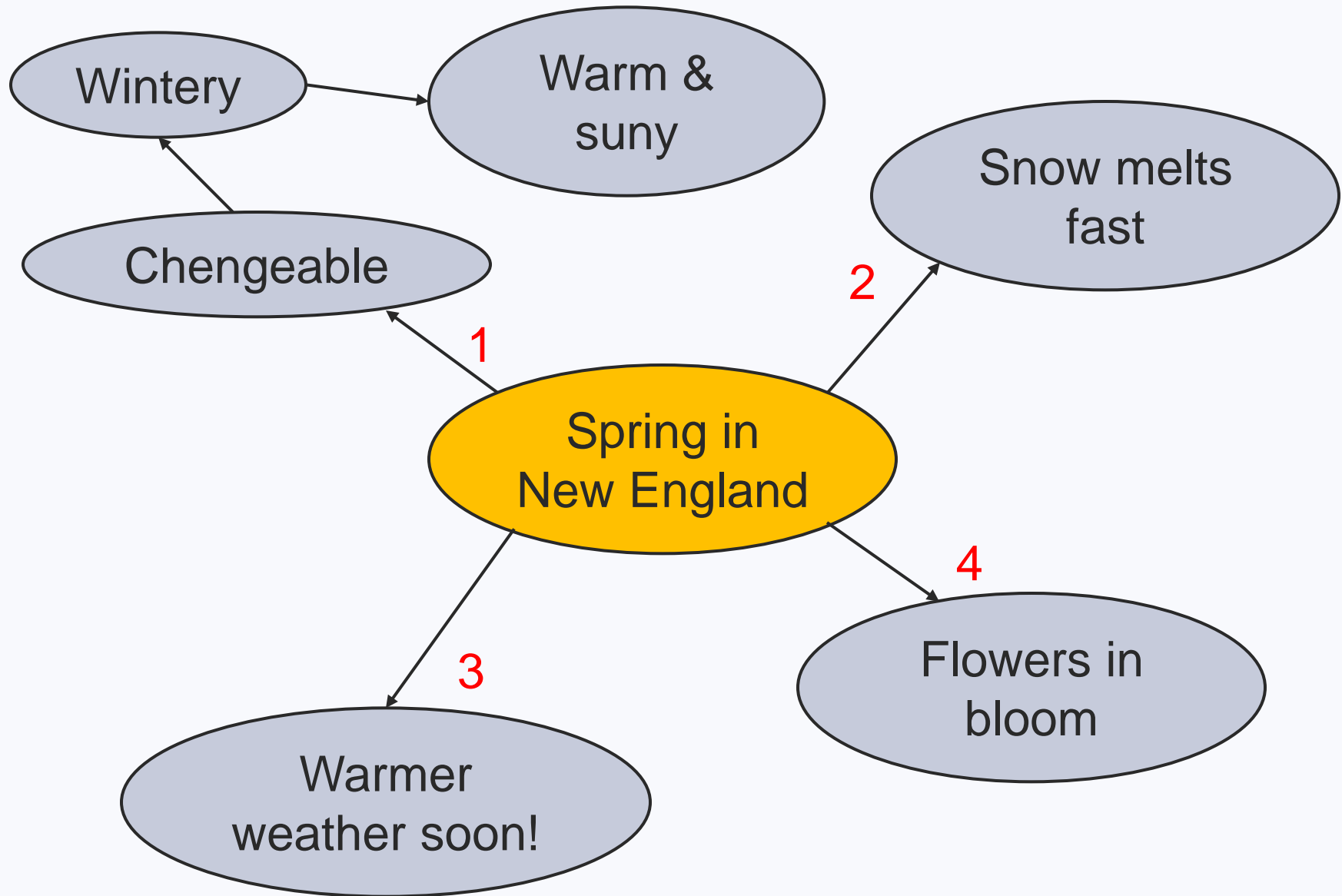


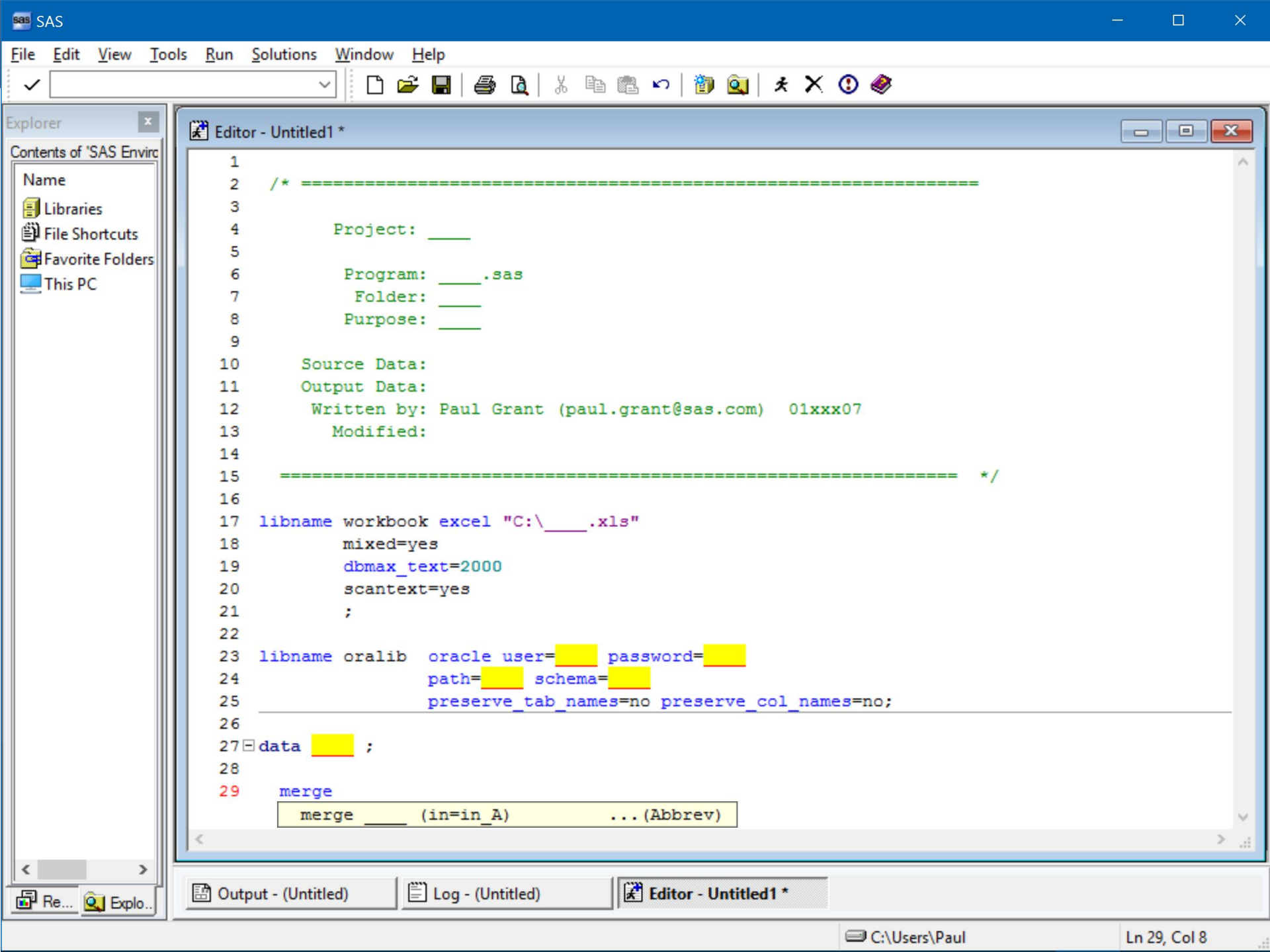


# **Code Templates in the SAS® Enhanced Editor using Abbreviations and User Defined Keywords**

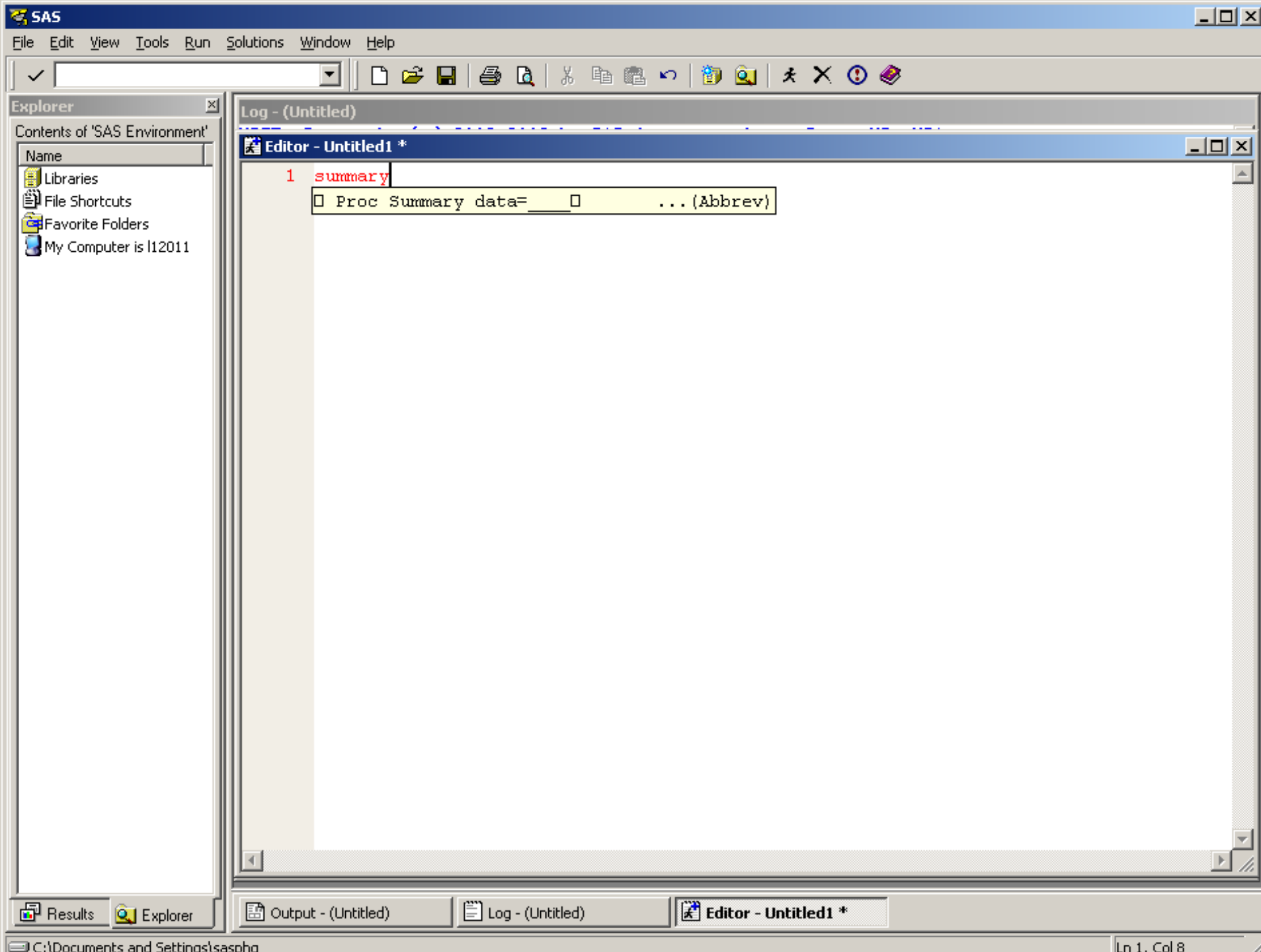
**Paul Grant, SAS Federal, LLC**  
retired

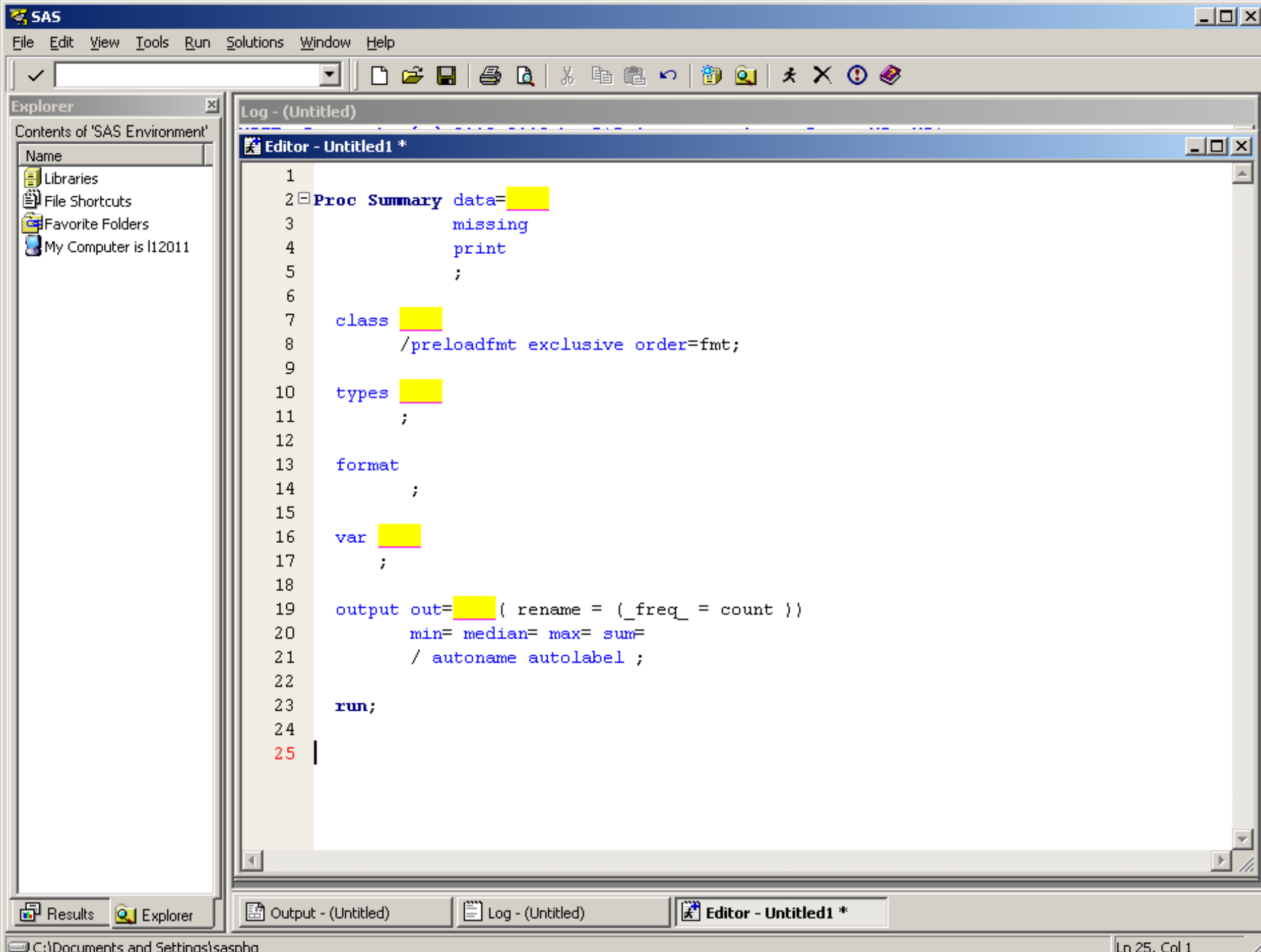
---





```
1
2  /* =====
3
4      Project: _____
5
6      Program: _____ .sas
7      Folder: _____
8      Purpose: _____
9
10     Source Data:
11     Output Data:
12     Written by: Paul Grant (paul.grant@sas.com) 01xxx07
13     Modified:
14
15     ===== */
16
17 libname workbook excel "C:\____.xls"
18     mixed=yes
19     dbmax_text=2000
20     scantext=yes
21     ;
22
23 libname oralib oracle user=____ password=____
24     path=____ schema=____
25     preserve_tab_names=no preserve_col_names=no;
26
27 data ____ ;
28
29 merge ____ (in=in_A) ... (Abbrev)
```





**SAS Help and Documentation**

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Topics:

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- The SUMMARY Procedure : Syntax: SUMMARY Procedure

Remove Display

Current topic:

The SUMMARY Procedure : Syntax: SUMMARY Procedure

Add

## Syntax: SUMMARY Procedure

**Tip:** Supports the Output Delivery System. See [Output Delivery System](#) for details.

**ODS Table Name:** Summary

**Reminder:** You can use the ATTRIB, FORMAT, LABEL, and WHERE statements. See [Statements with the Same Function in Multiple Procedures](#) for details. You can also use any global statements. See [Global Statements](#) for a list.

**Reminder:** Full syntax descriptions are in [Syntax: MEANS Procedure](#).

**PROC SUMMARY** *<option(s)> <statistic-keyword(s)>;*

**BY** *<DESCENDING> variable-1<...<DESCENDING> variable-n> <NOTSORTED>;*

**CLASS** *variable(s) </ option(s)>;*

**FREQ** *variable;*

**ID** *variable(s);*

**OUTPUT** *<OUT=SAS-data-set><output-statistic-specification(s)> <id-group-specification(s)> <maximum-id-specification(s)> <minimum-id-specification(s)></ option(s)> ;*

**TYPES** *request(s);*

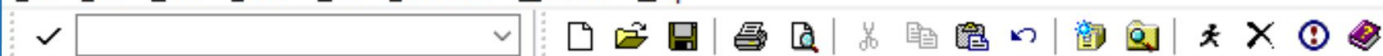
**VAR** *variable(s)</ WEIGHT=weight-variable>;*

**WAYS** *list;*

**WEIGHT** *variable;*

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Explorer

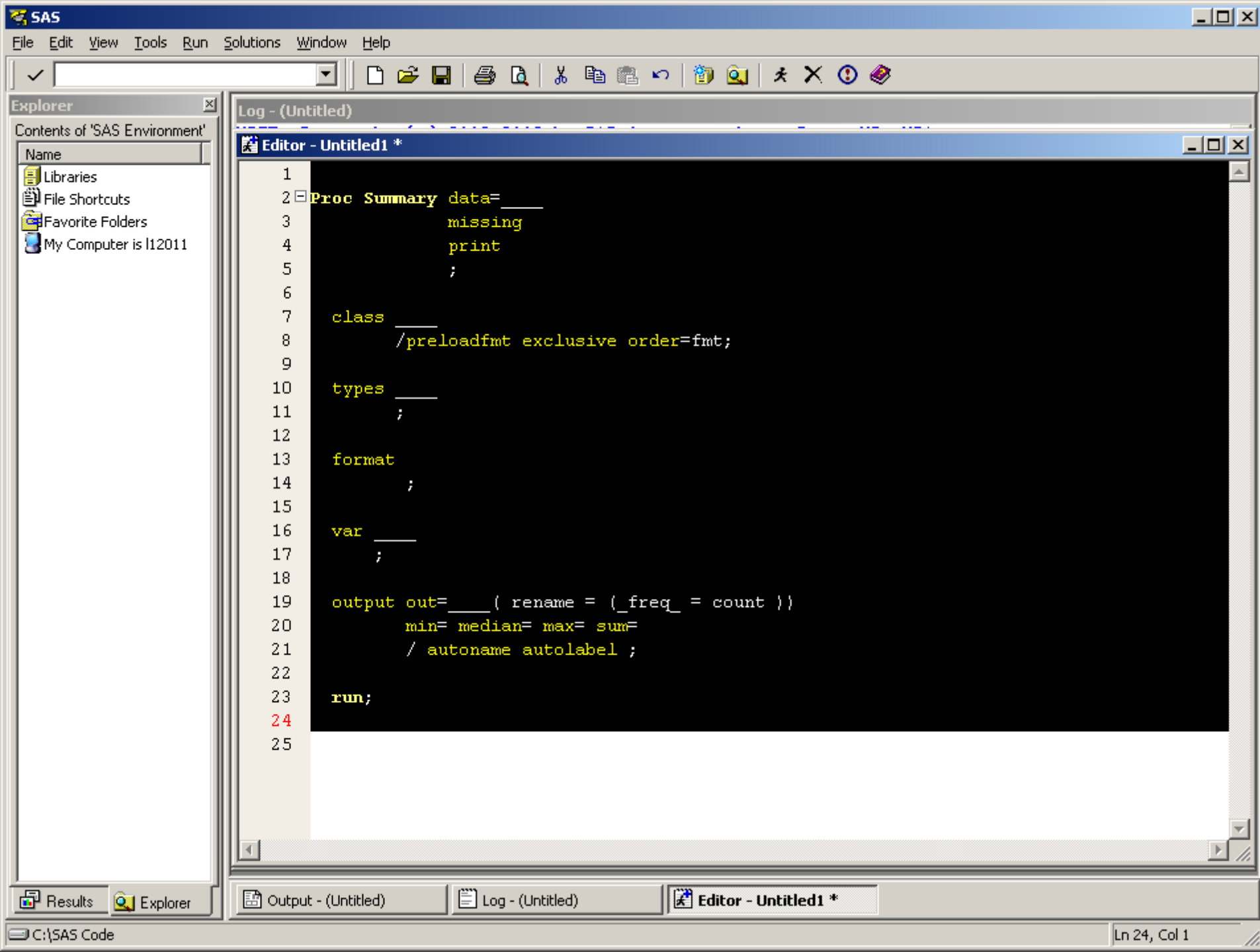
Contents of 'SAS Environment'

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- Libraries
- File Shortcuts
- Favorite Folders
- This PC

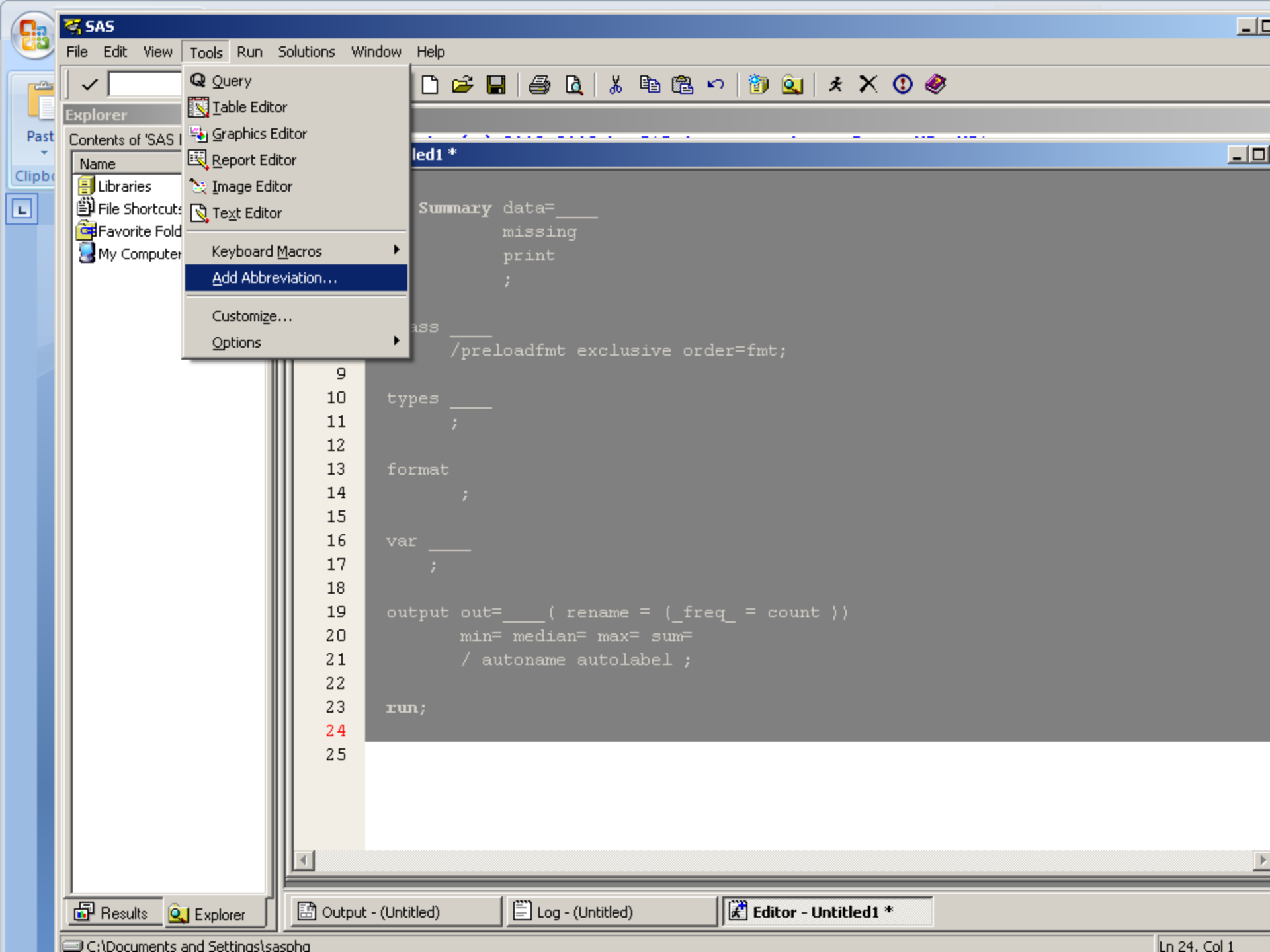
Log - (Untitled)

Editor - Untitled1 \*

```
1 Title1 '<H1>Cost & Utilization Report</H1>';
2 title2 '<H2>1999</H2>';
3
4 ods proclabel "C & U Report";
5 proc summary data=v8.Hospital_Summary
6     missing print;
7
8     /*-- Pre-define class ranges based on format definition. --*/
9     /*-- Exclude values that fall outside the format range. --*/
10
11     class region domain hospital
12         /preloadfmt exclusive order= fmt;
13
14     *types region
15         domain
16         region * ( Domain Hospital )
17         region * domain * hospital ;
18
19     format domain $domain.;
20
21     var Totalcases IPCases OPCases
22         FacilityCharges TotalCharges ;
23
24     output out=temp( rename = (_freq_ = count ) )
25         min= median= max= sum=
26         / autoname autolabel ;
27
28 run;
```







SAS

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Explorer

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Text Editor

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Add Abbreviation...

Customize...

Options

led1 \*

```
Summary data=____  
    missing  
    print  
    ;
```

```
class ____  
    /preloadfmt exclusive order=fmt;
```

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

```
types ____  
    ;
```

```
format  
    ;
```

```
var ____  
    ;
```

```
output out=____( rename = (_freq_ = count ) )  
    min= median= max= sum=  
    / autname autolabel ;
```

```
run;
```

Results

Explorer

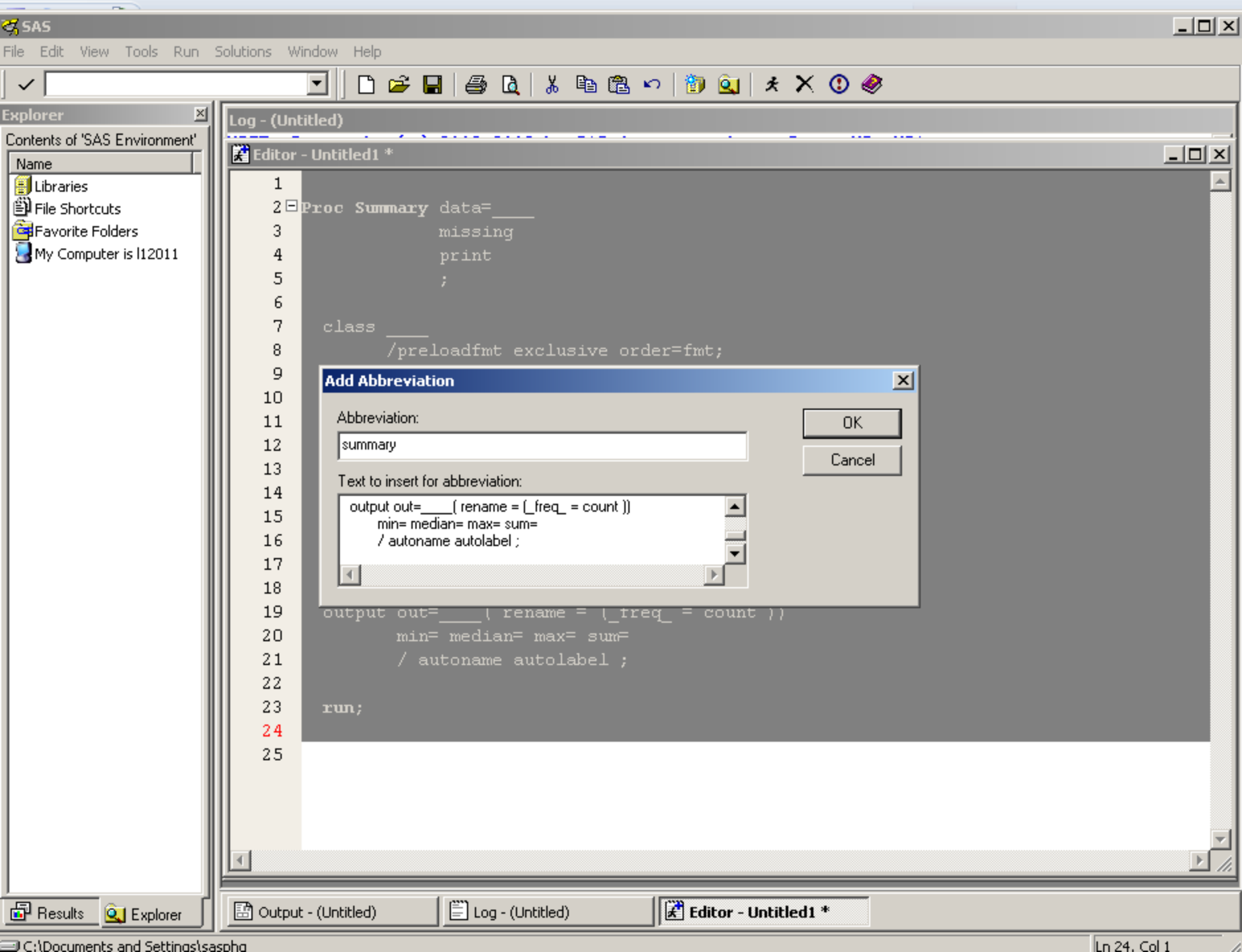
Output - (Untitled)

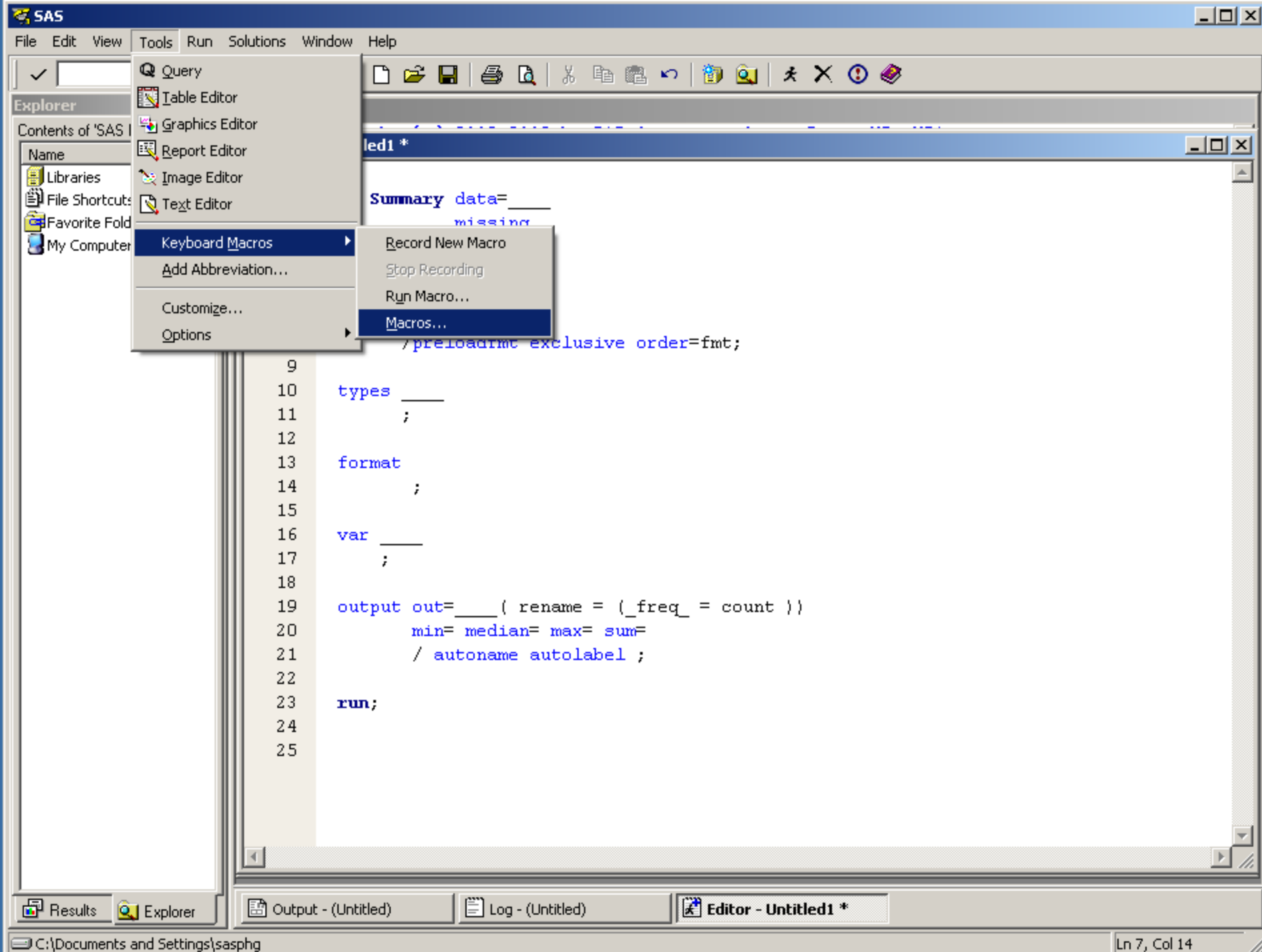
Log - (Untitled)

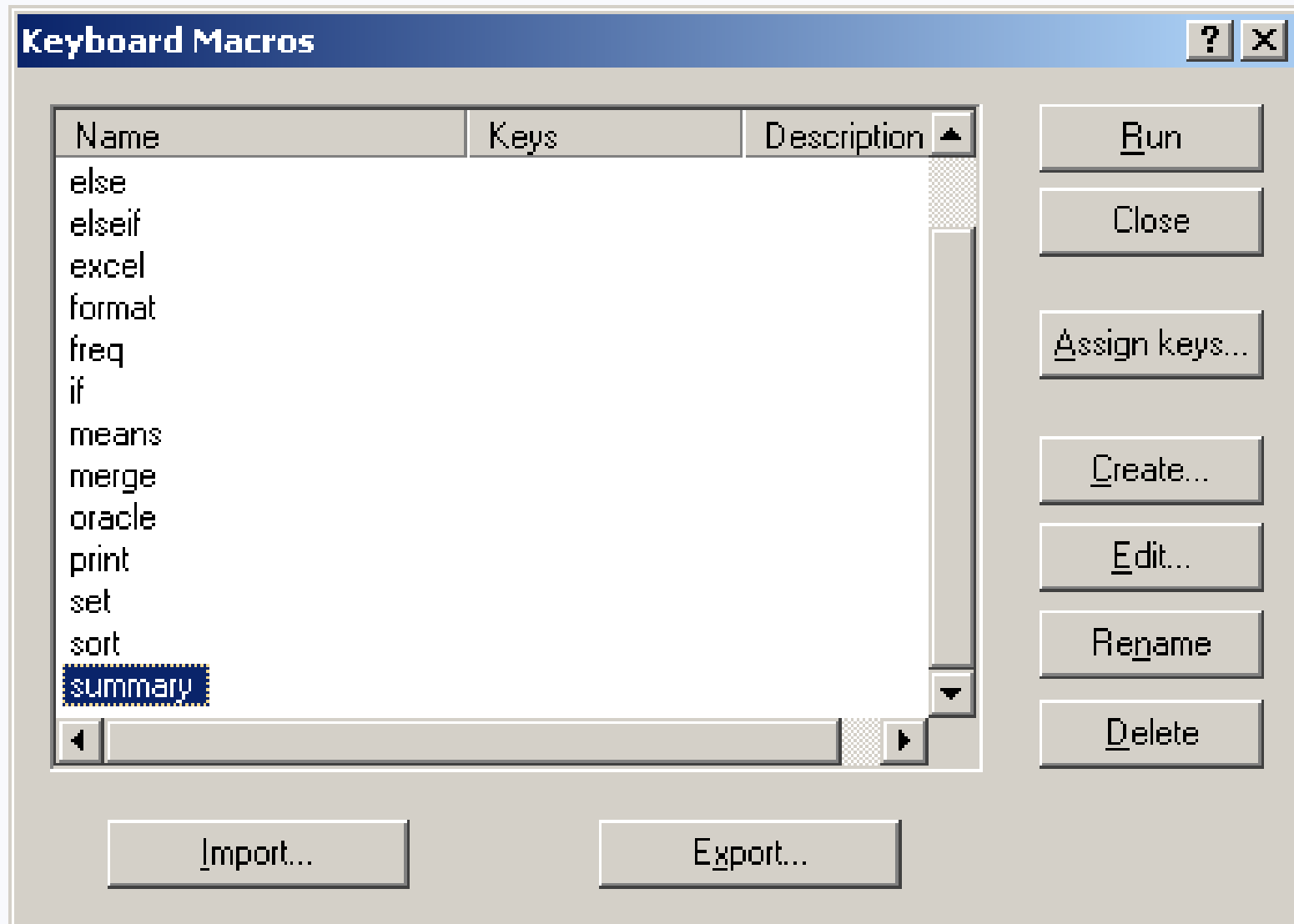
Editor - Untitled1 \*

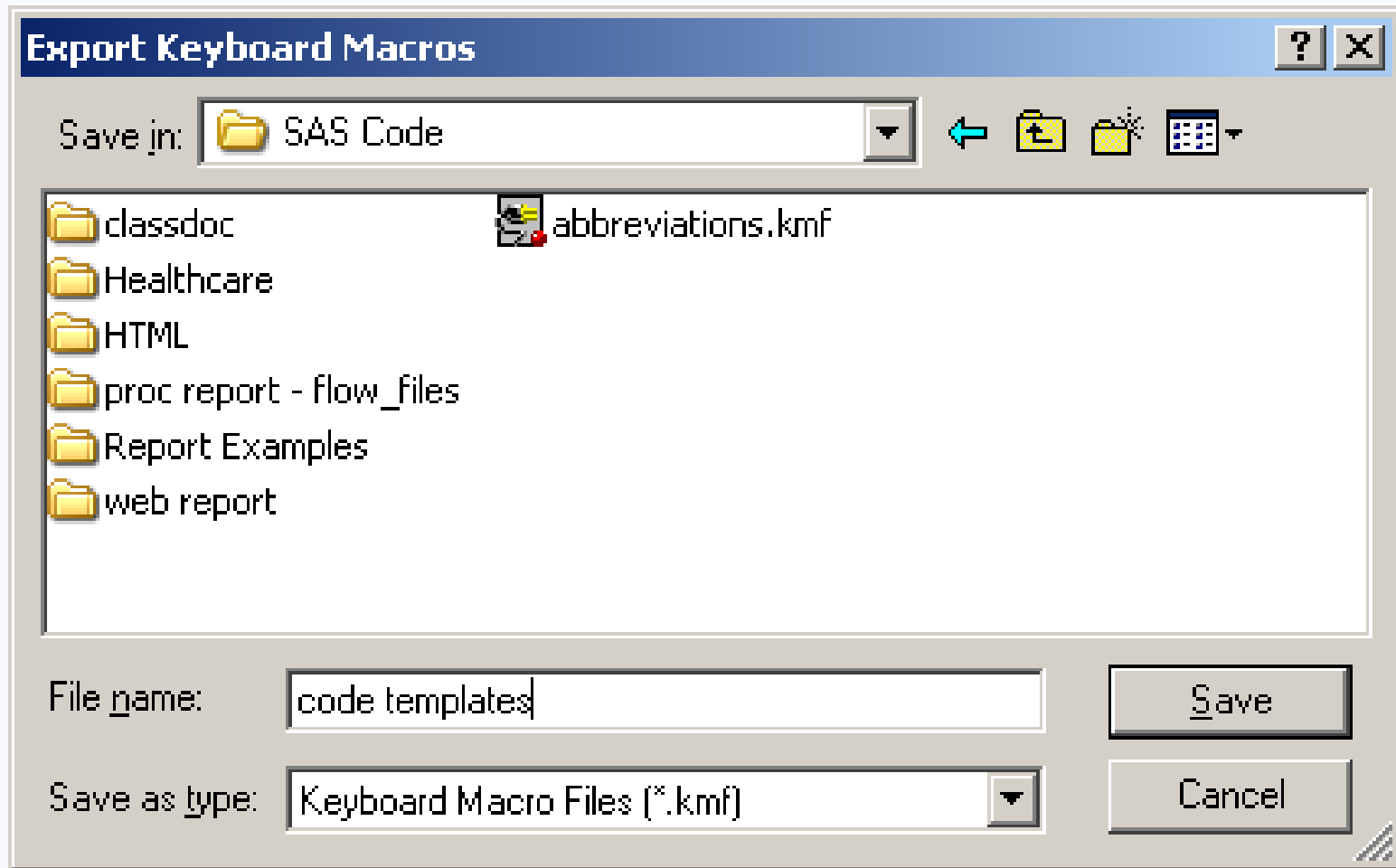
C:\Documents and Settings\saspha

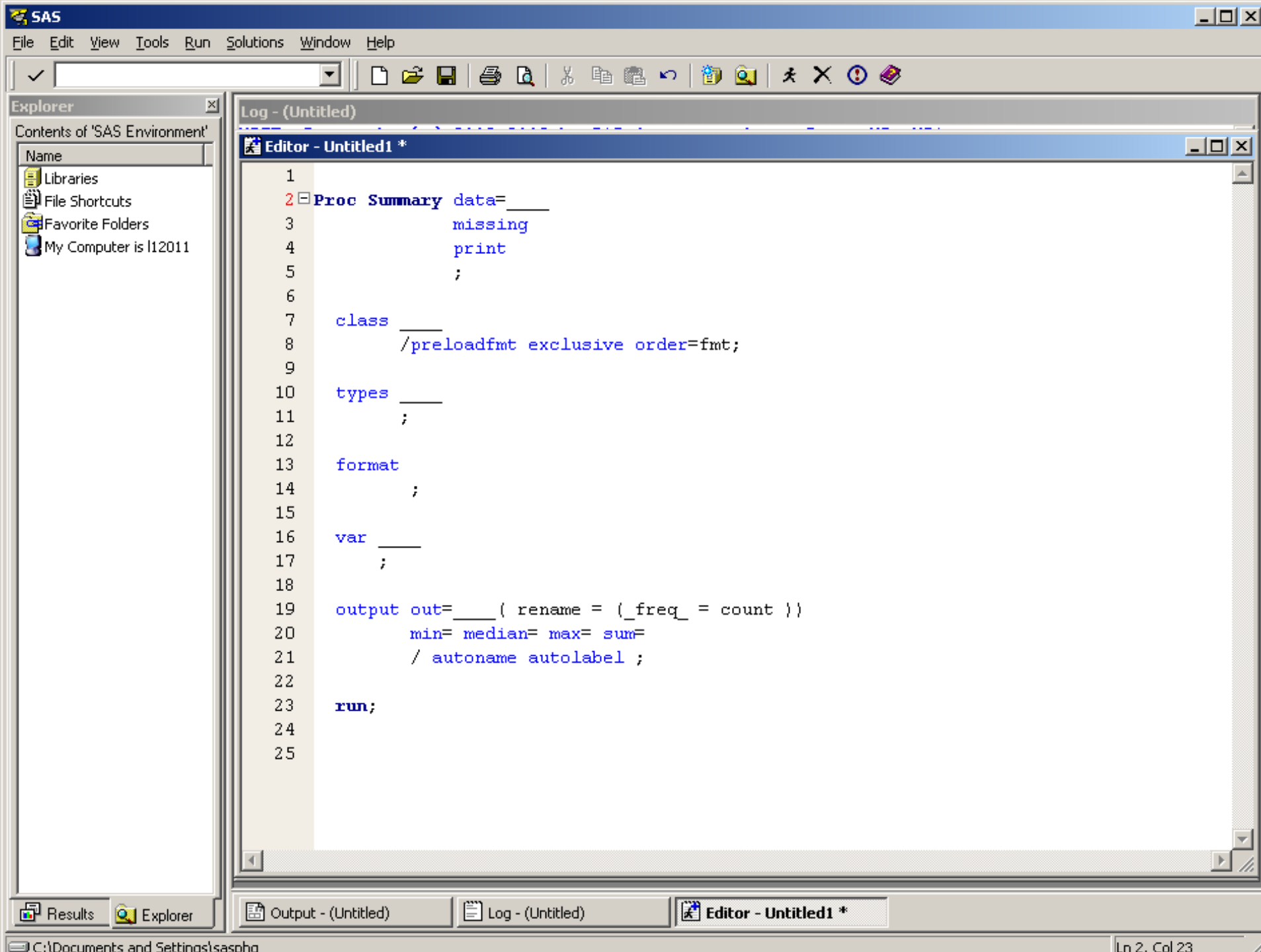
Ln 24, Col 1



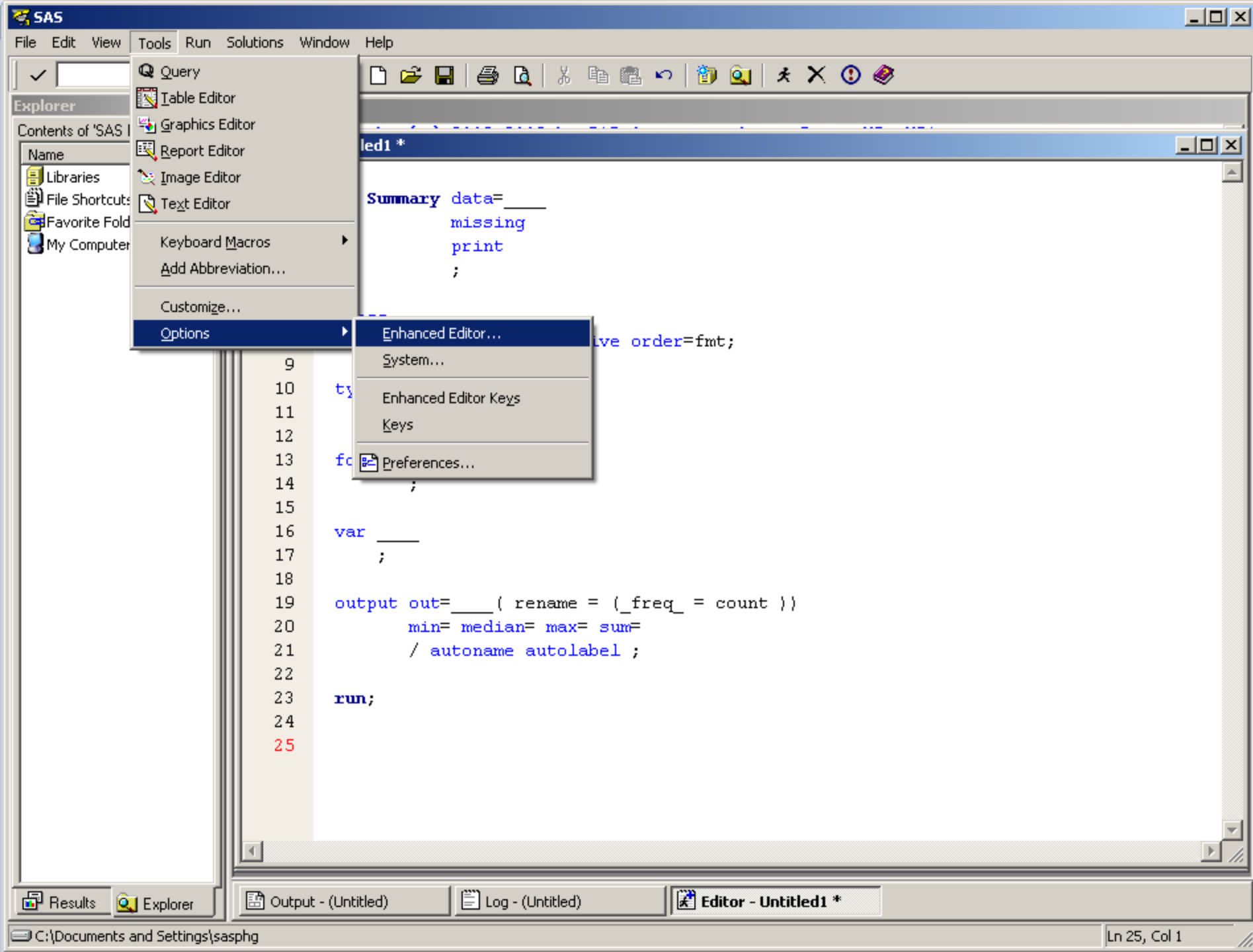


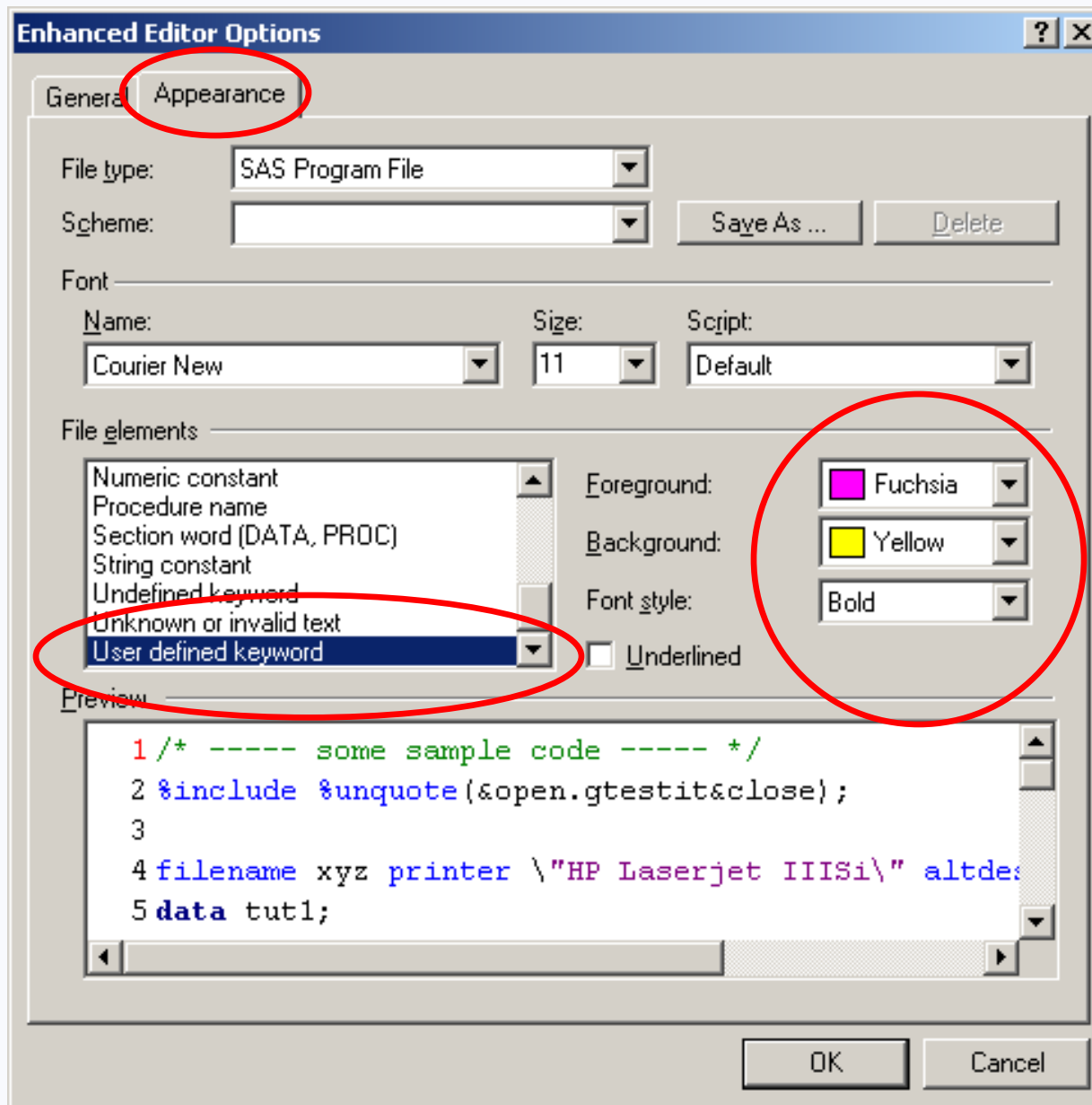


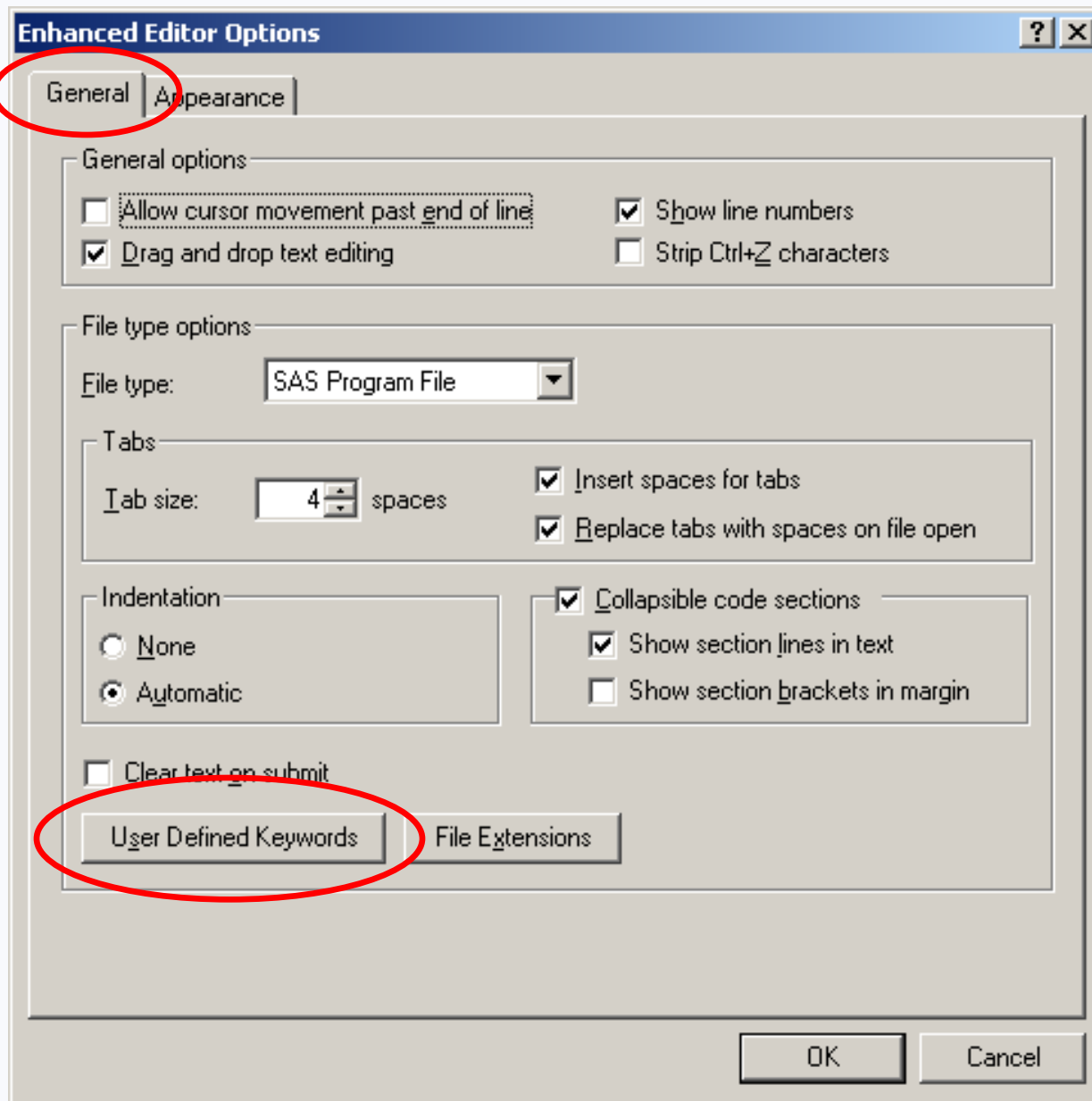


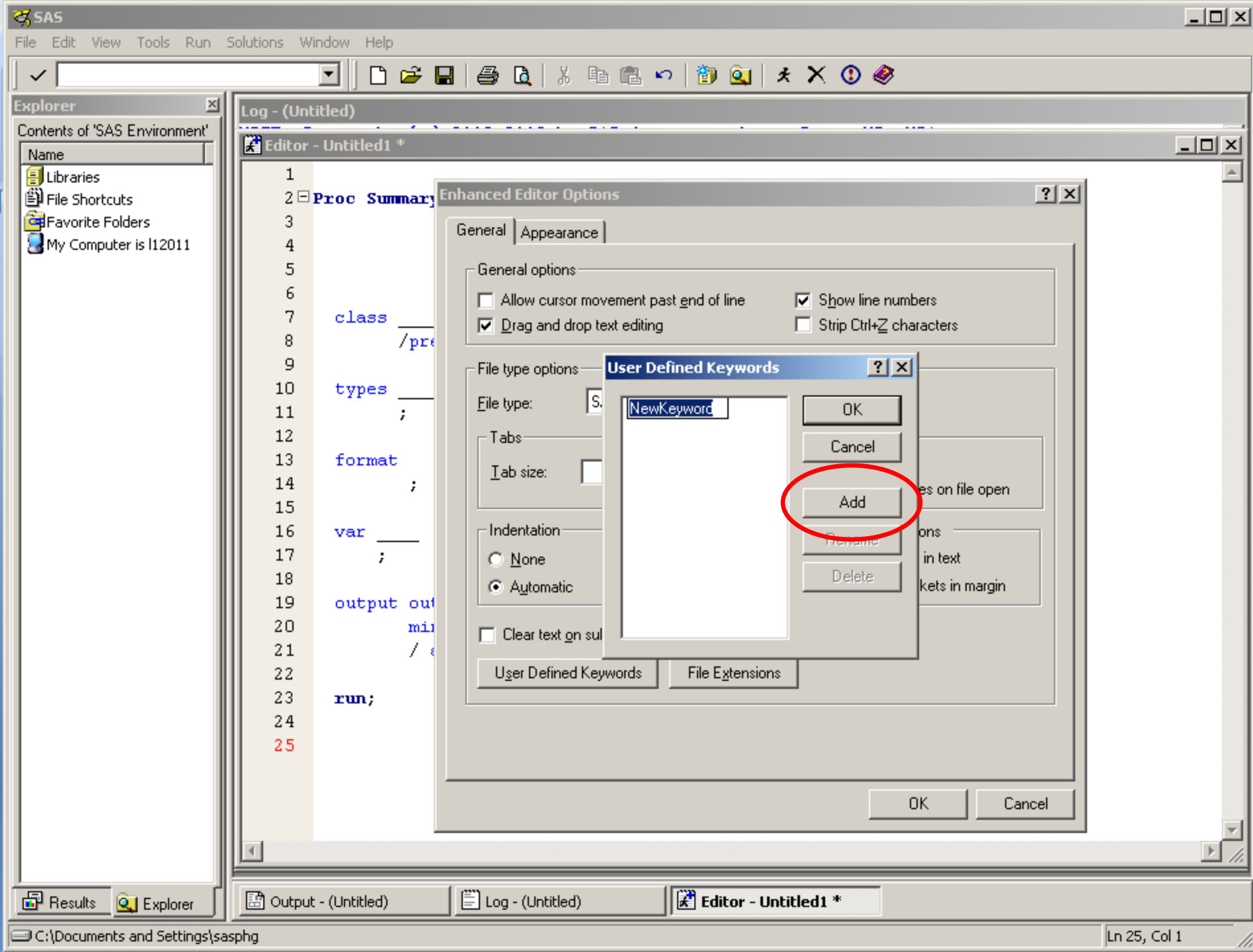


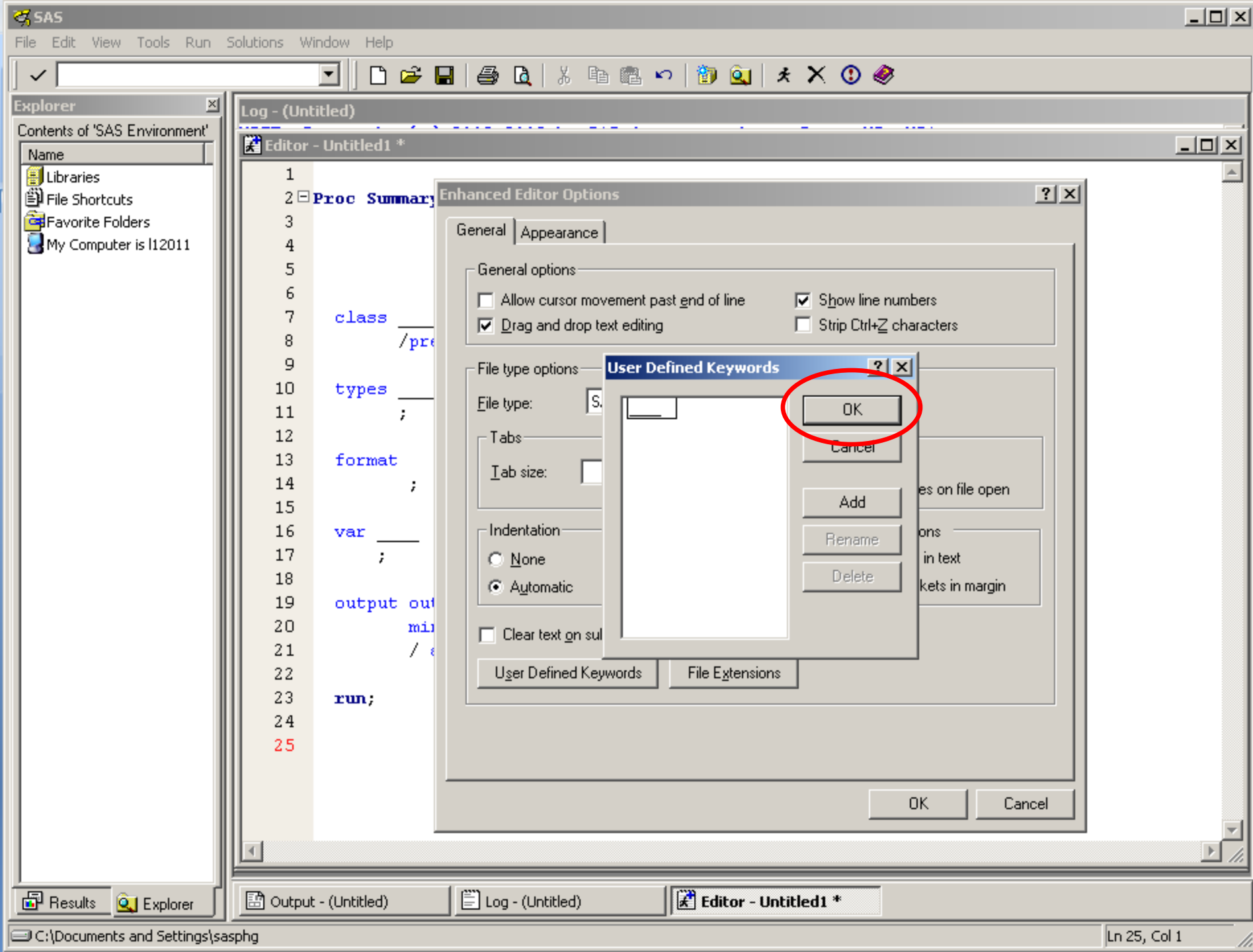


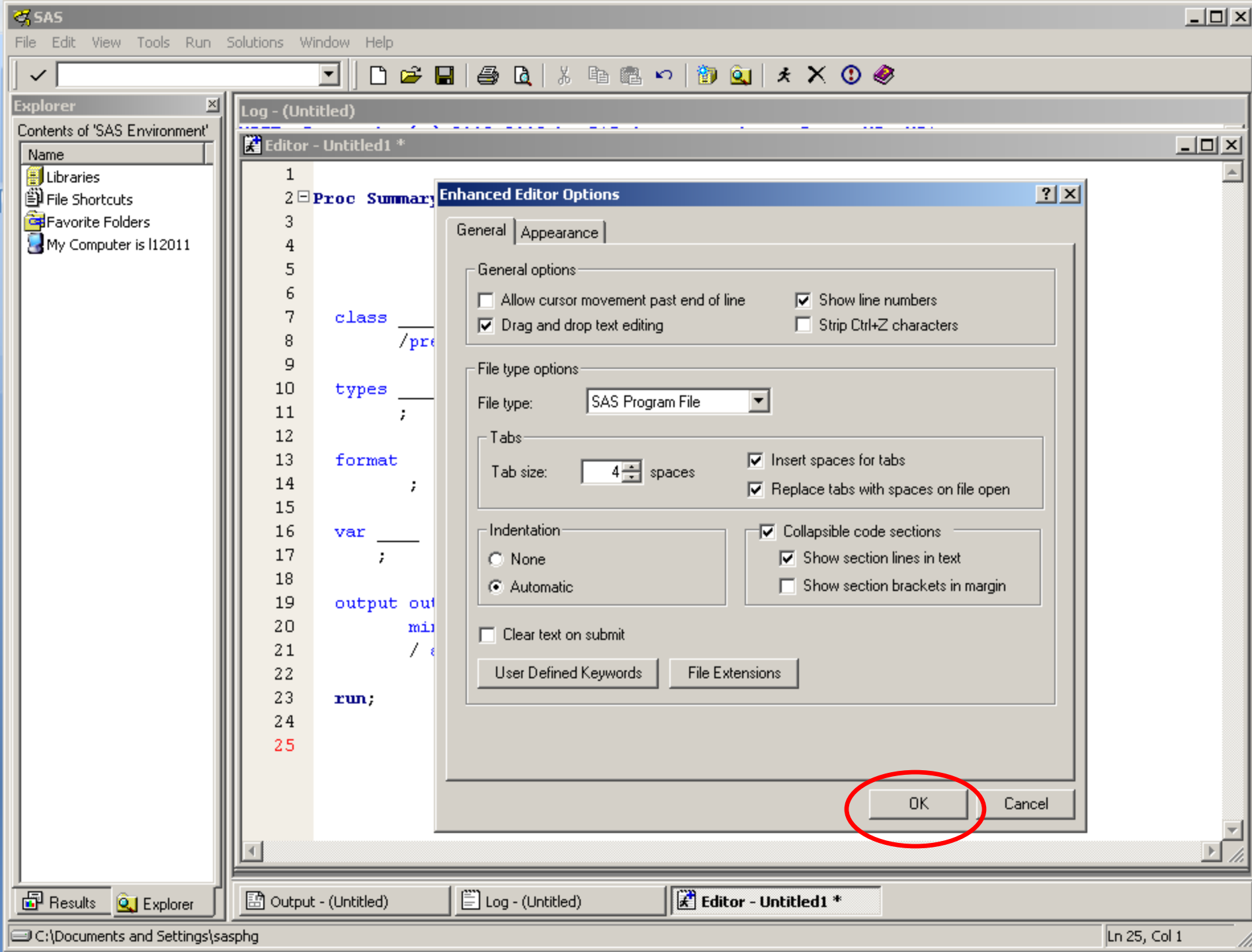




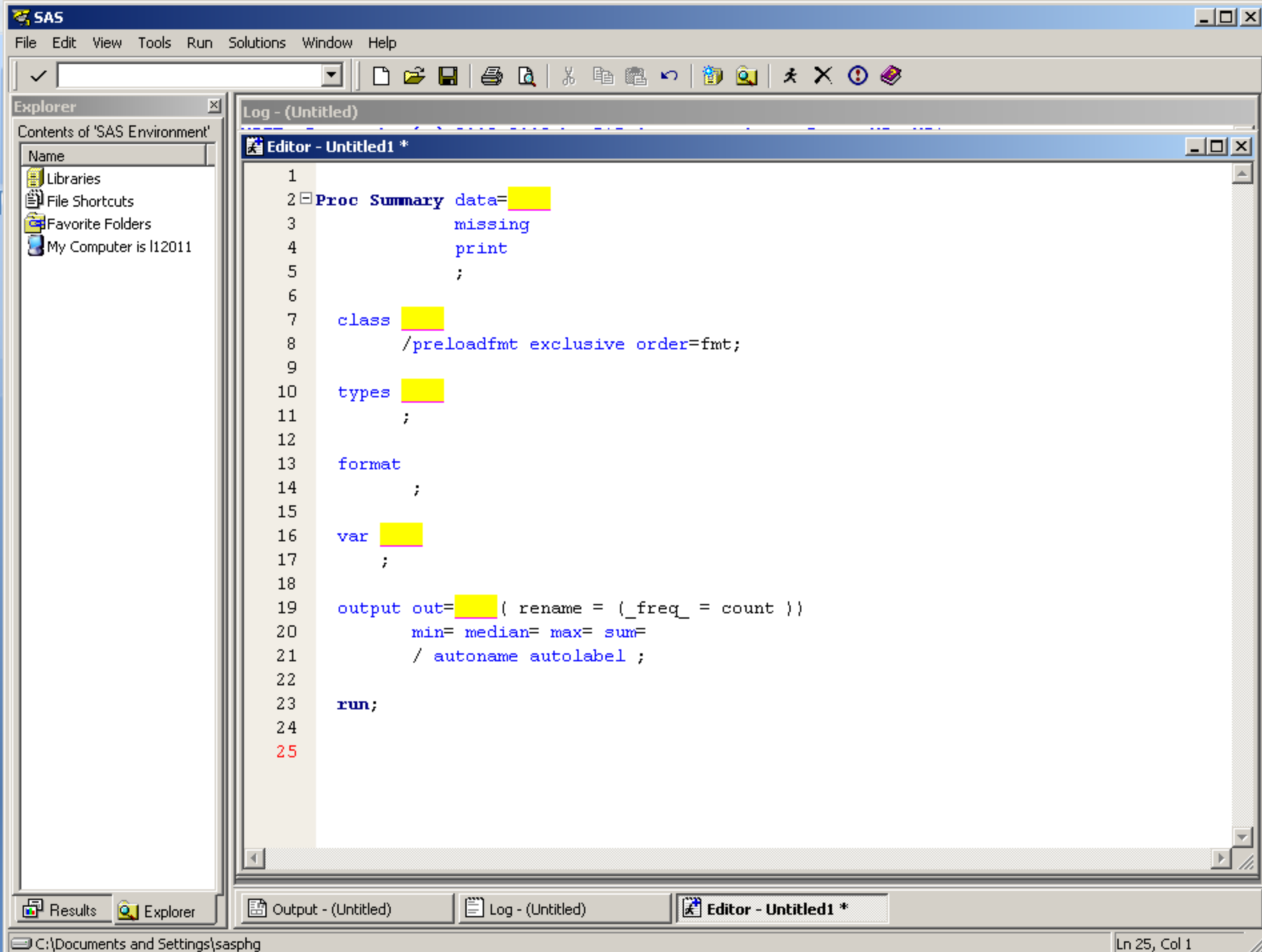












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2009 Washington, DC  
22-25 March 2009

