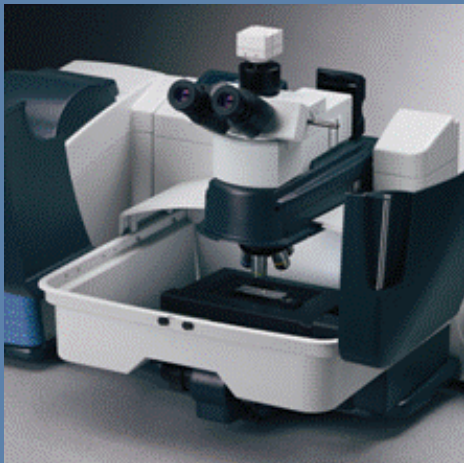




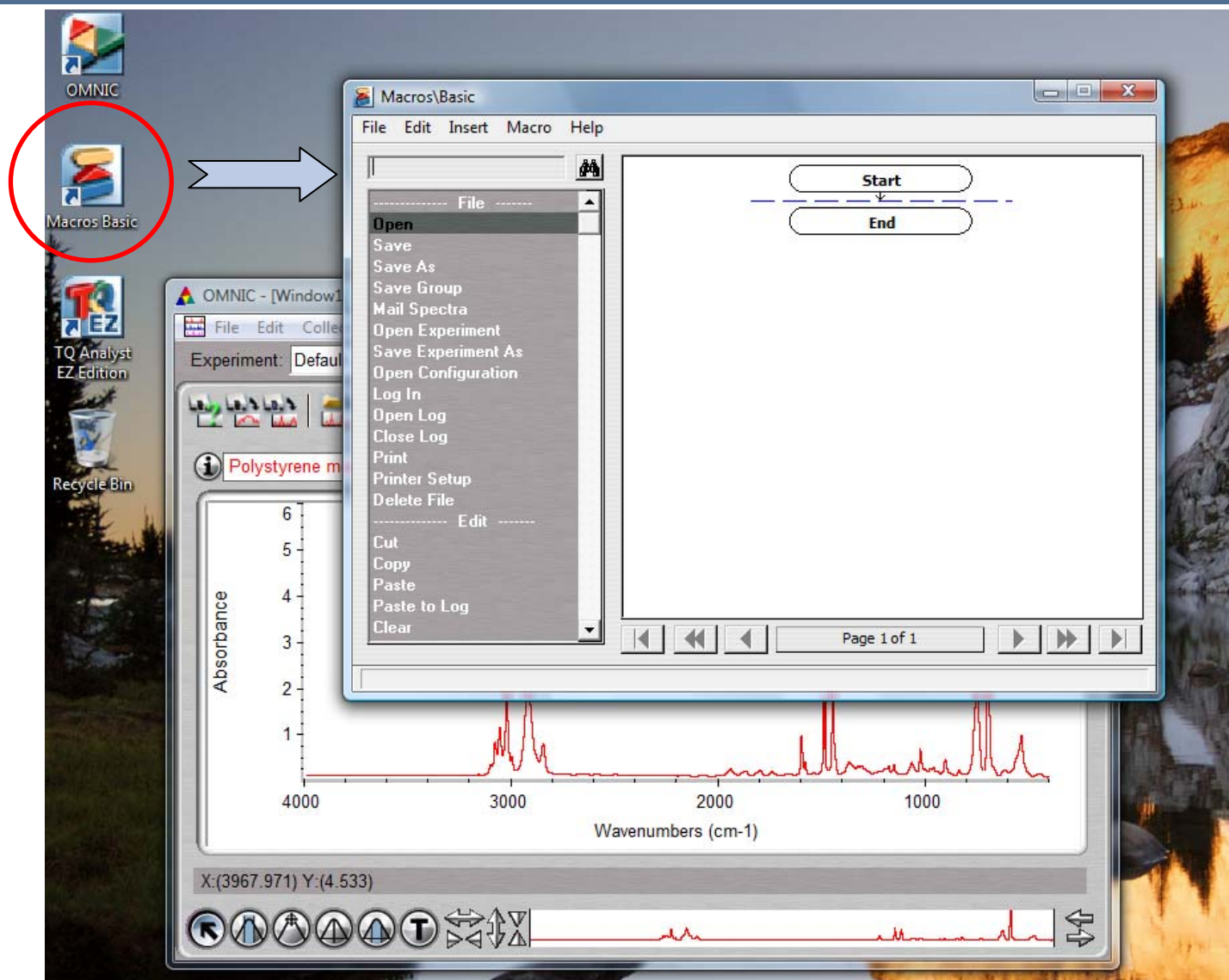
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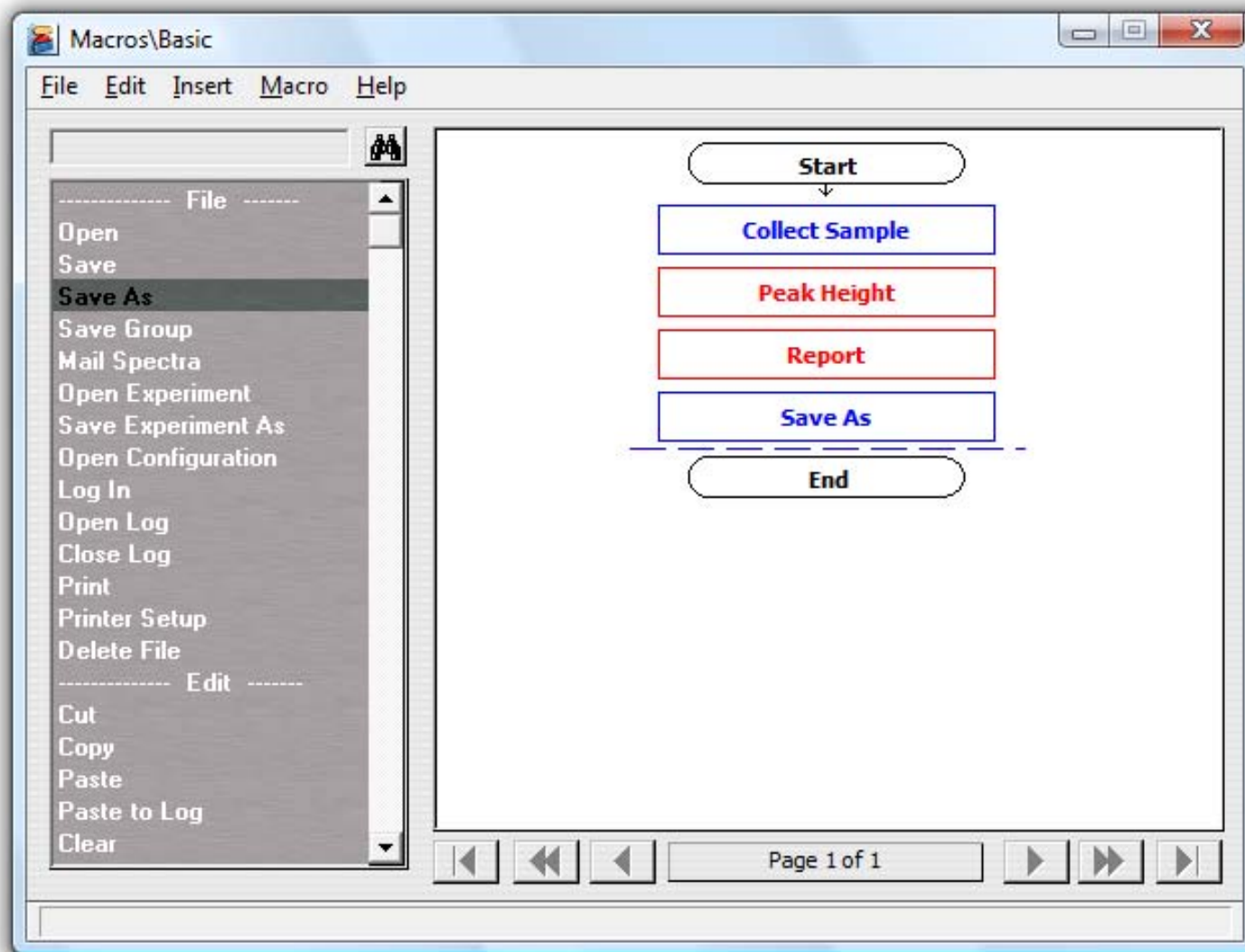
Getting Started With Macros



Macros\Basic is an application working with OMNIC



A macro is a sequence of tasks



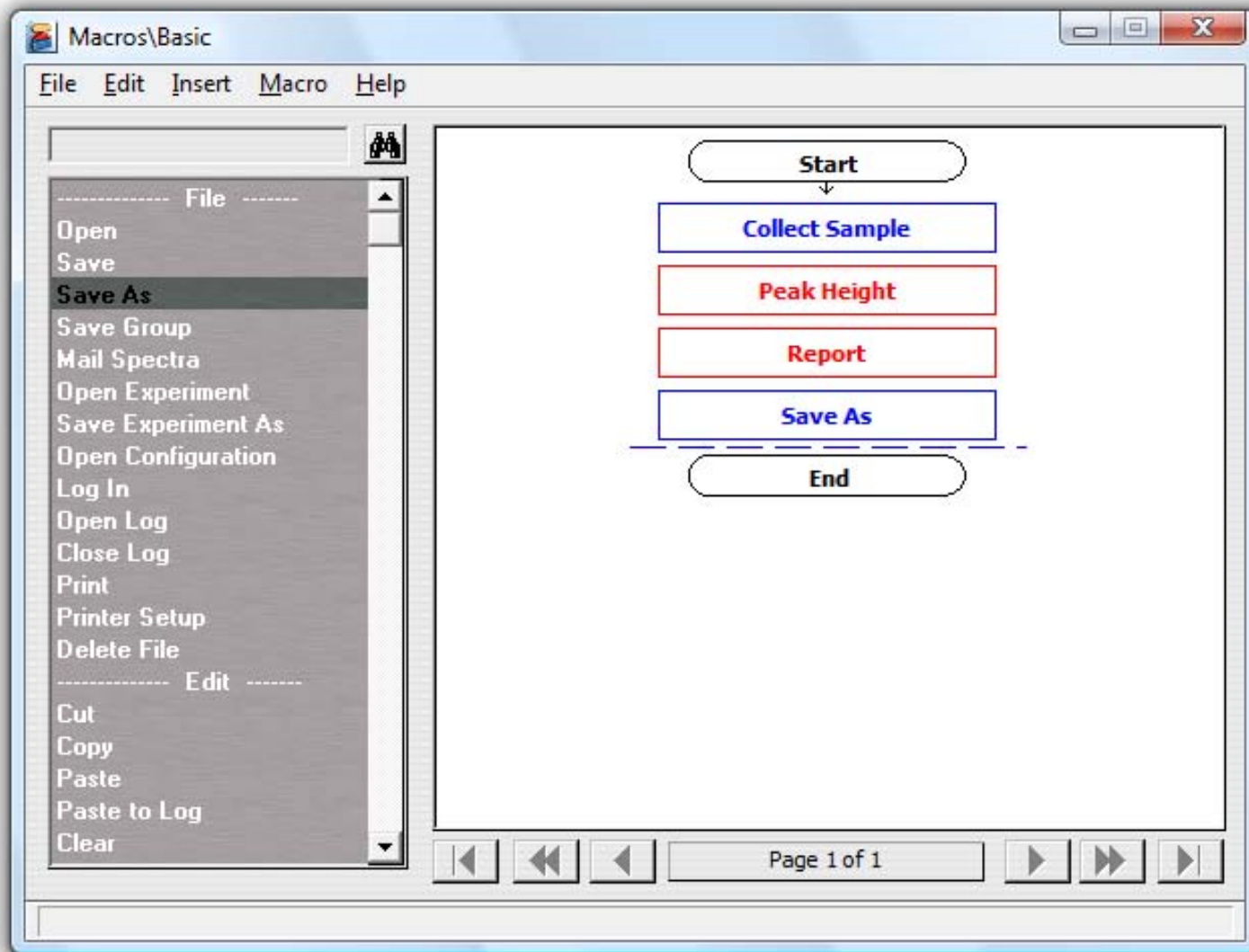
Parts of the macro editor window

Macro editor
command
menu

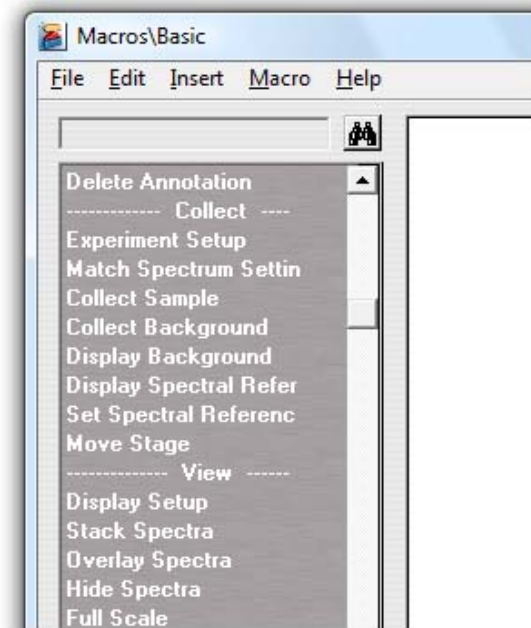
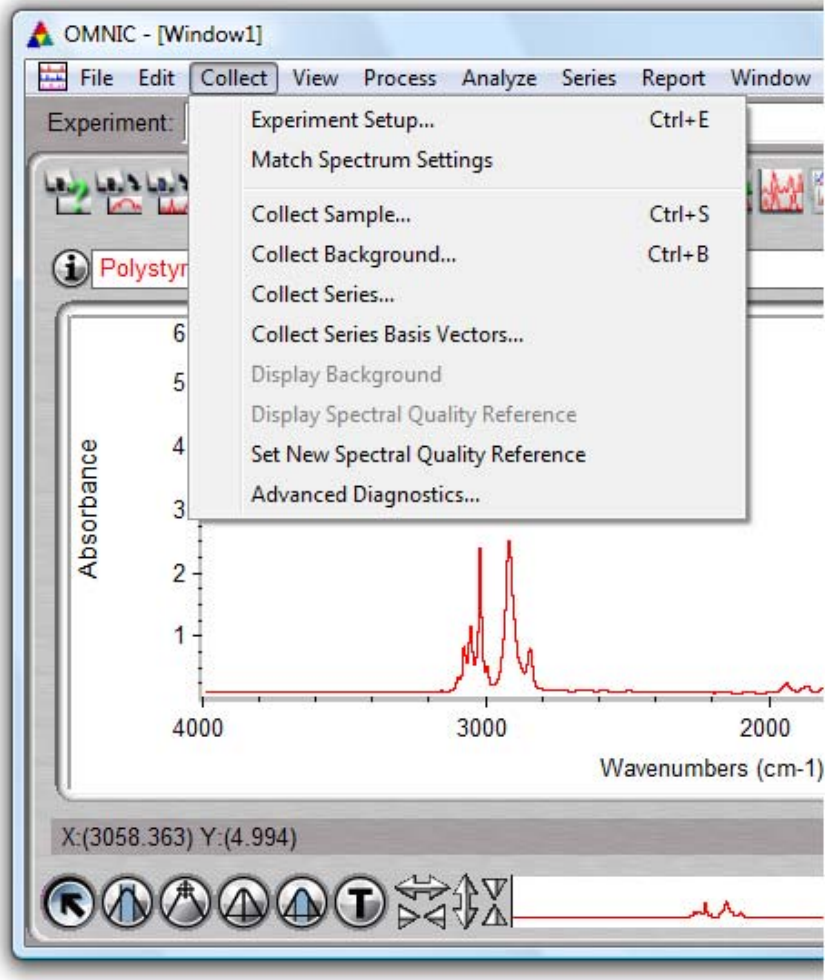
Task search
box

Task list

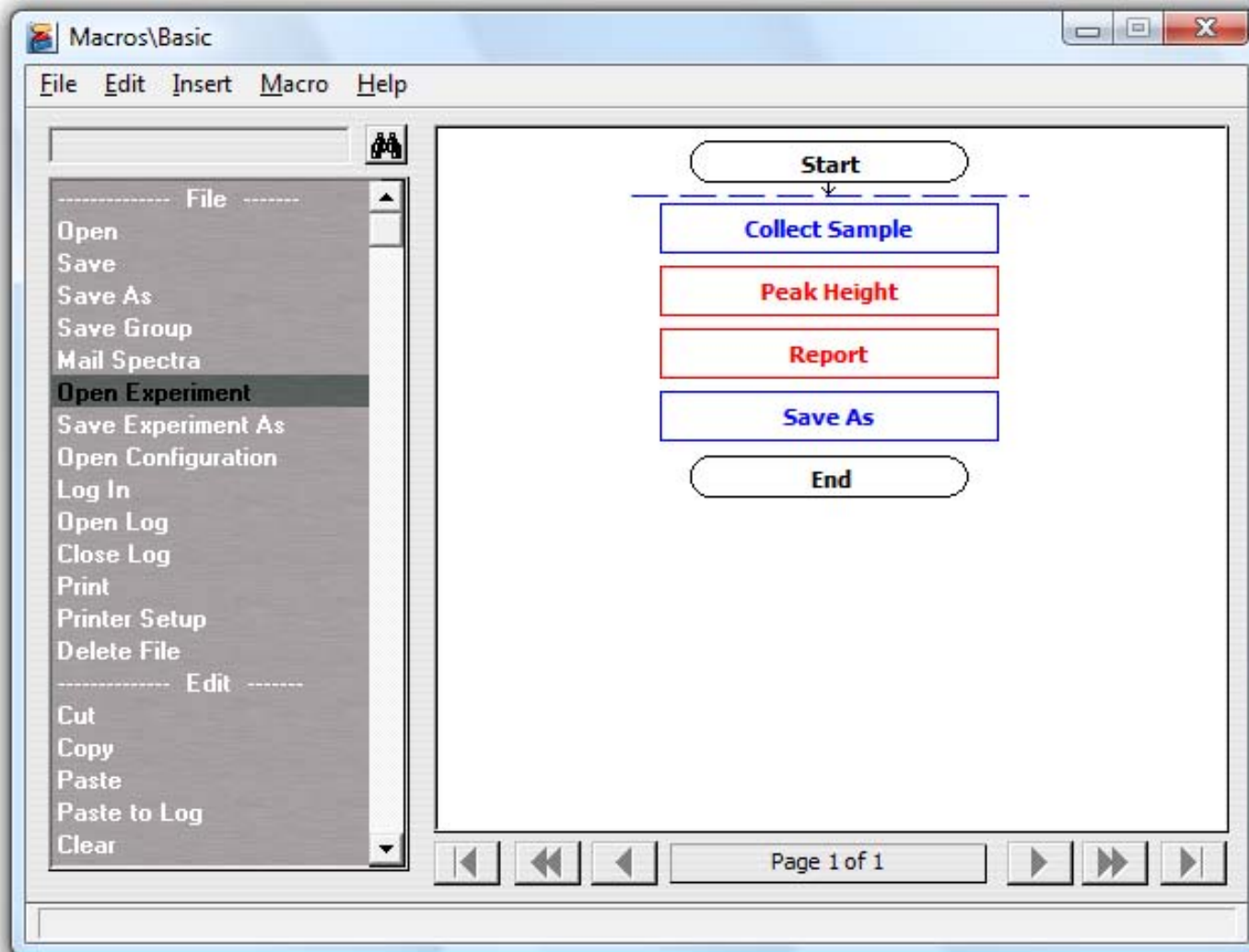
Readout or
hints
displayed here



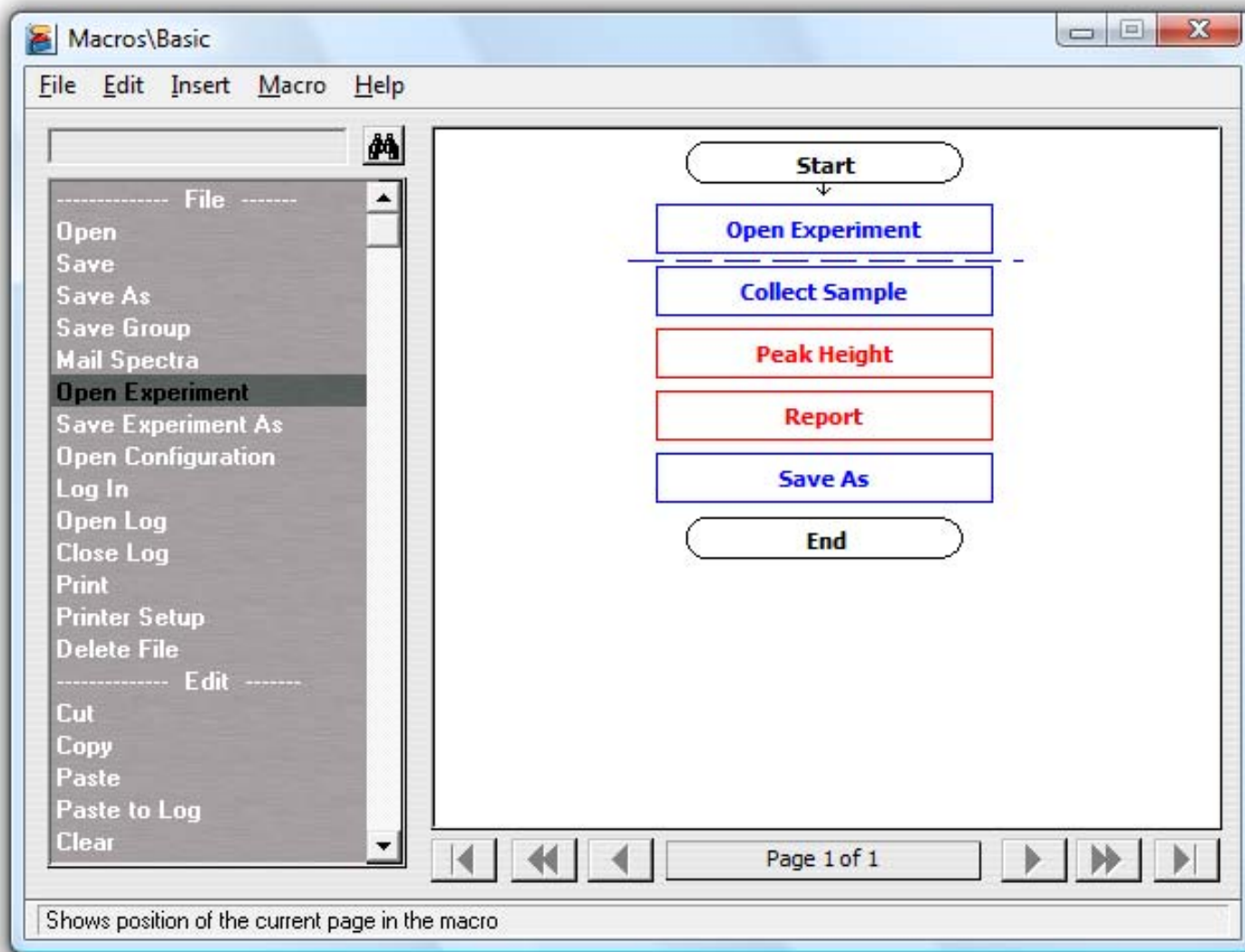
The Task list mimics the OMNIC menus



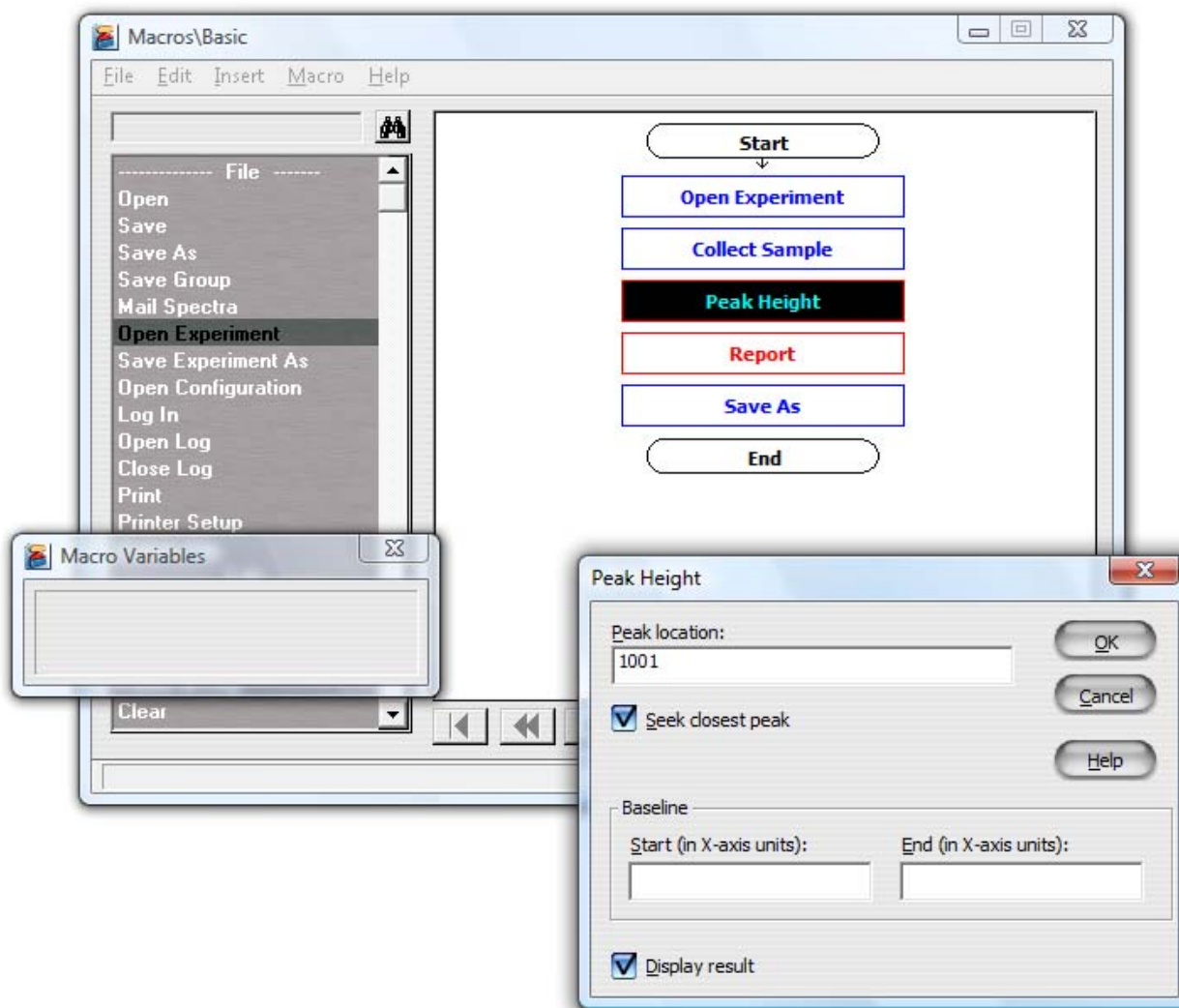
Adding a task to your macro



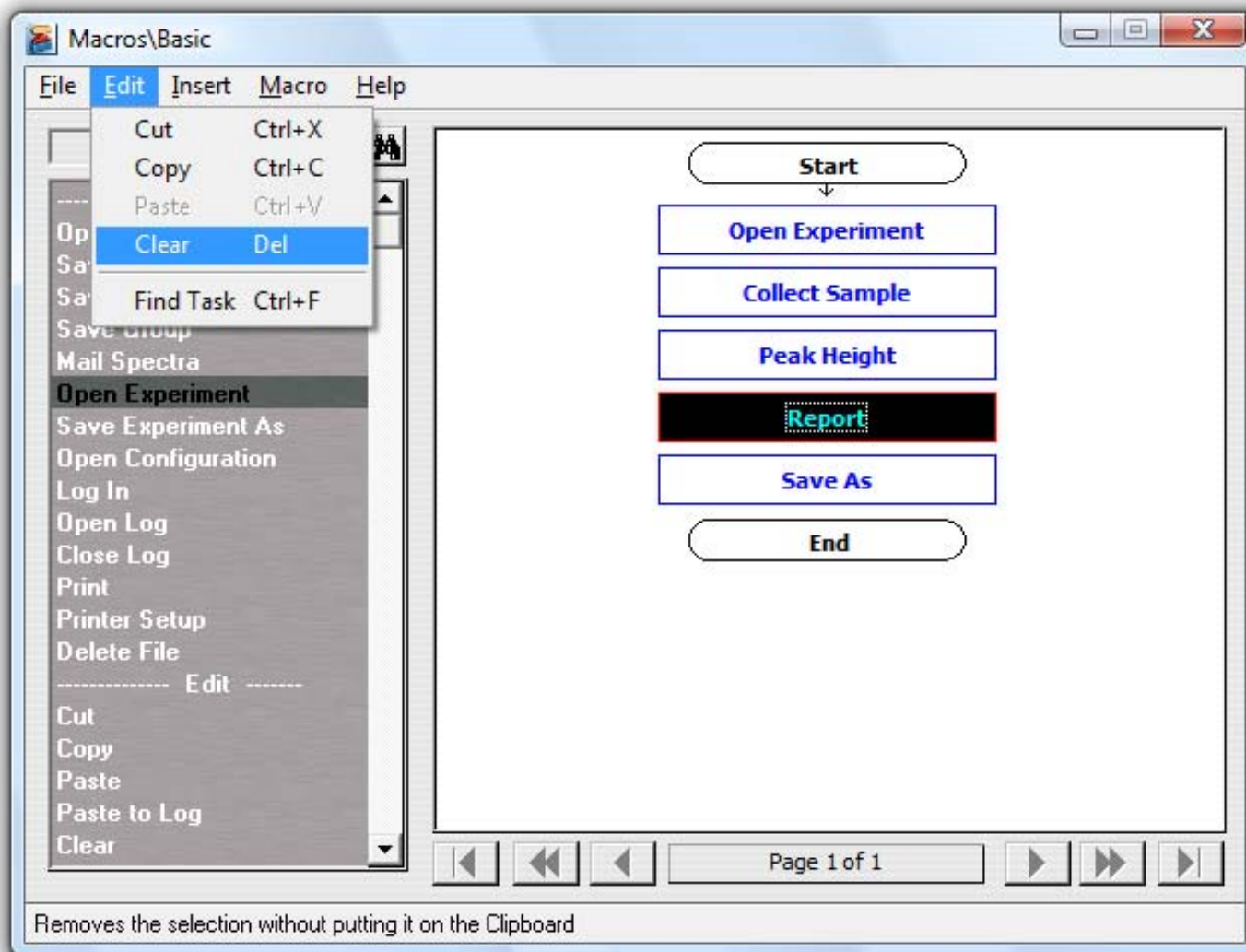
Different color tasks



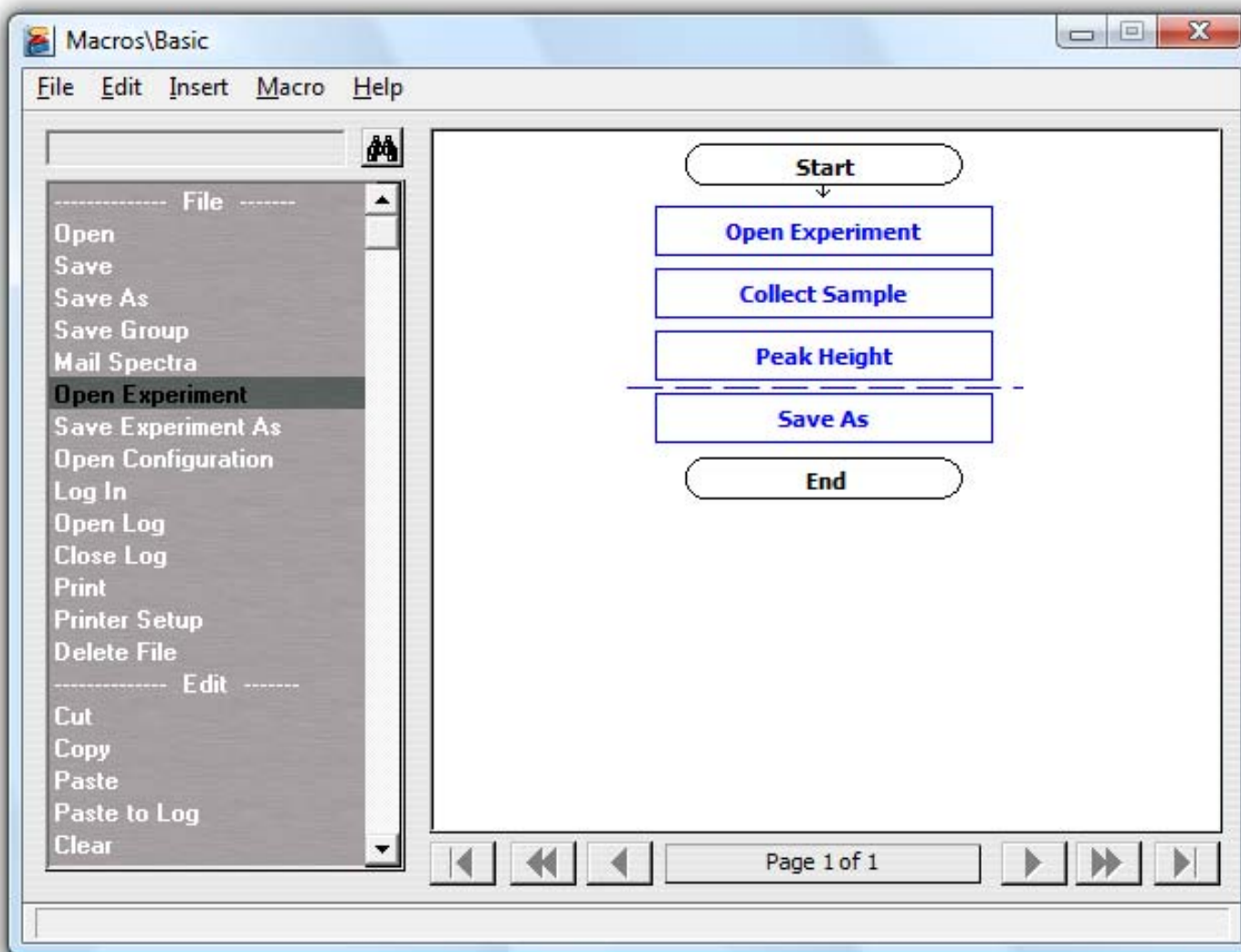
Task parameters



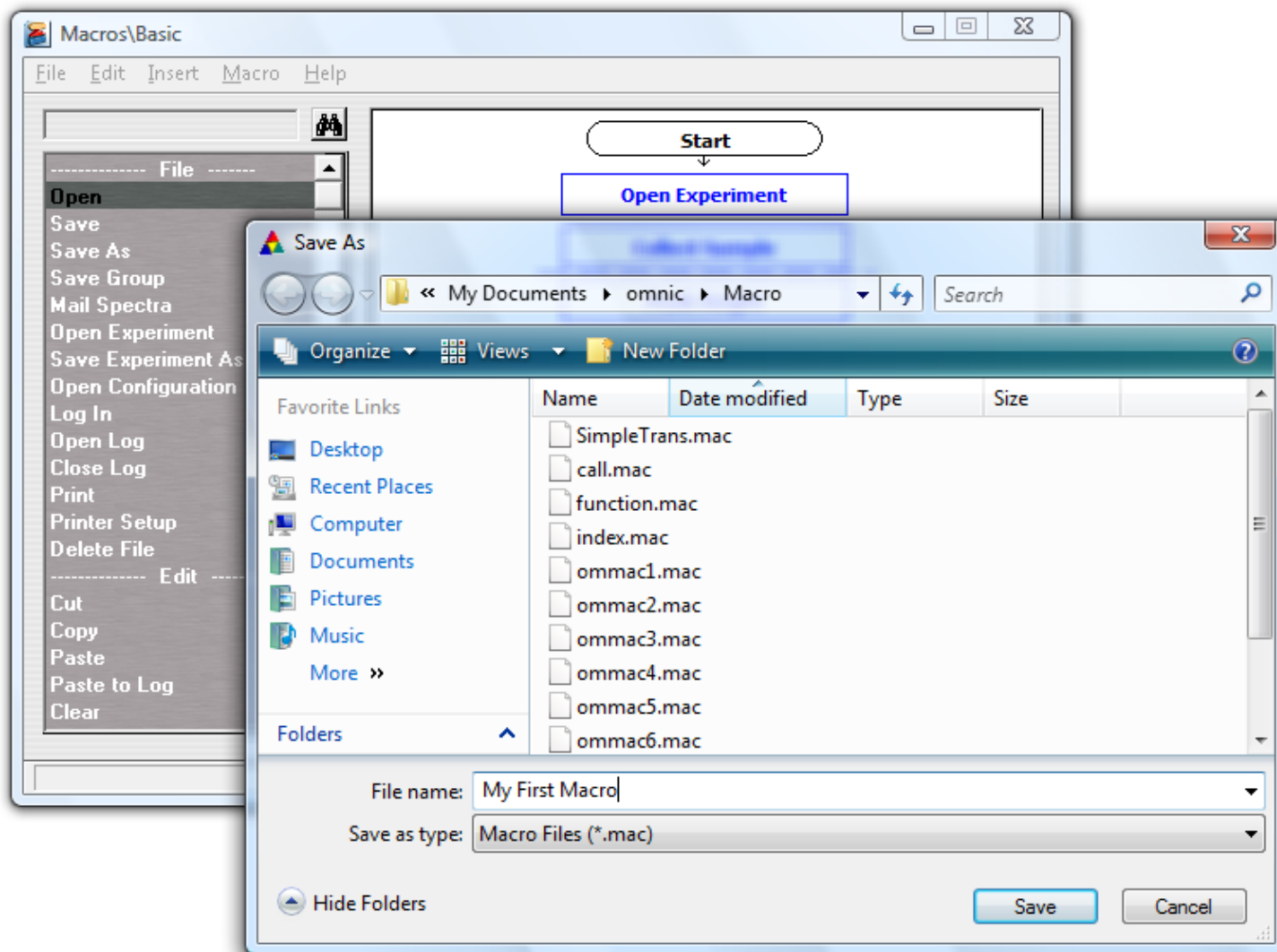
Removing a task



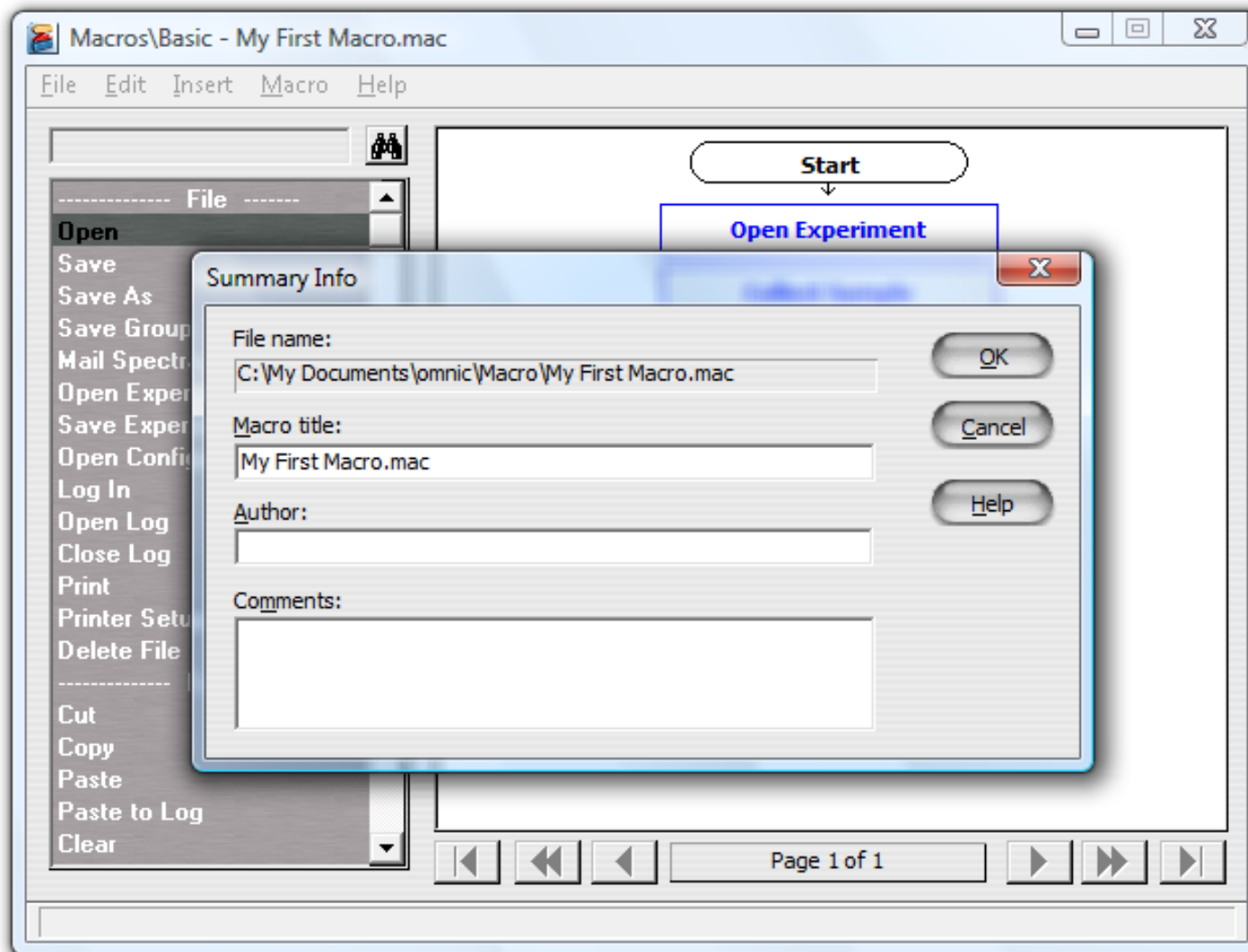
Cut, Copy, and Paste Tasks



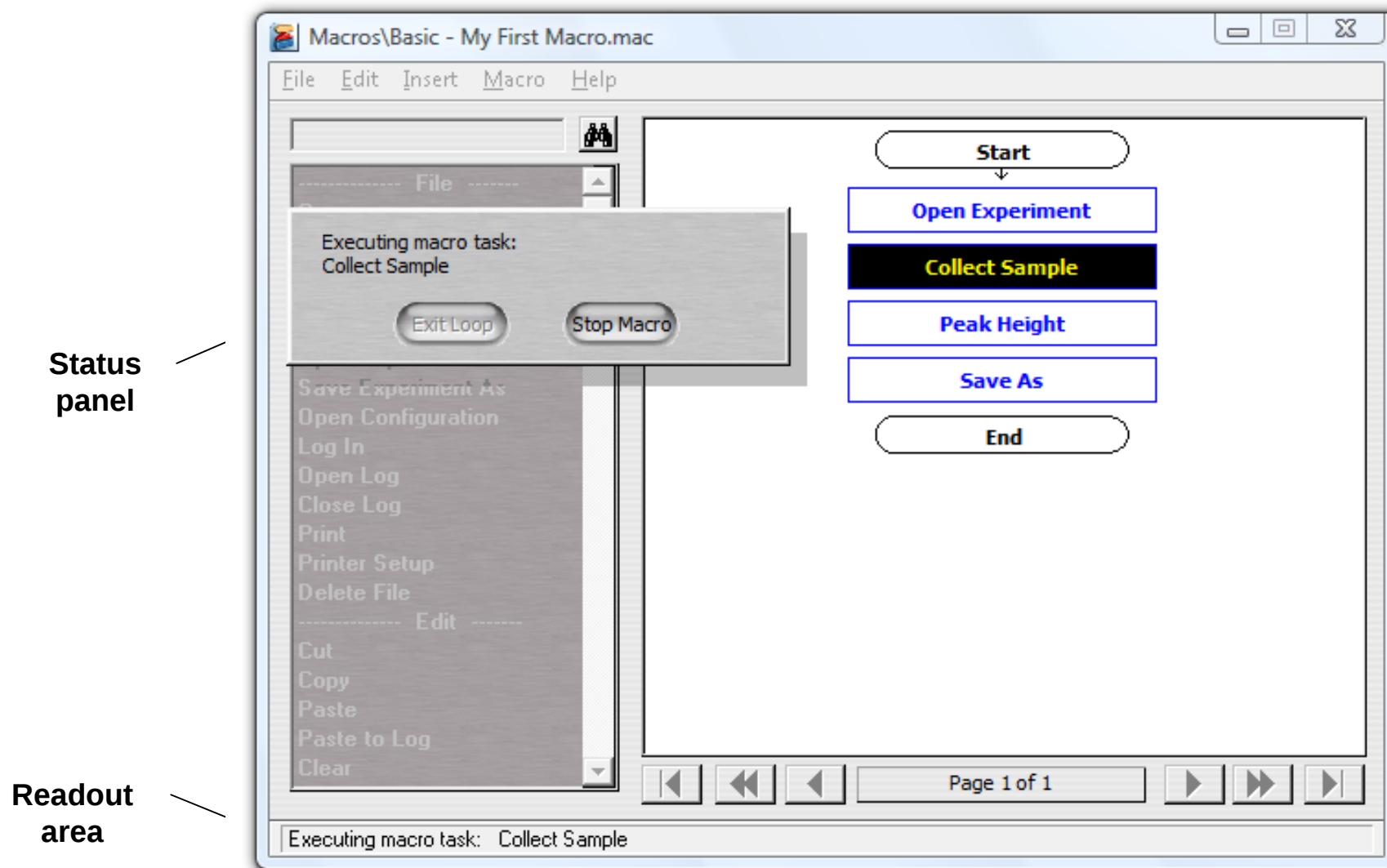
Save that macro before you go too far



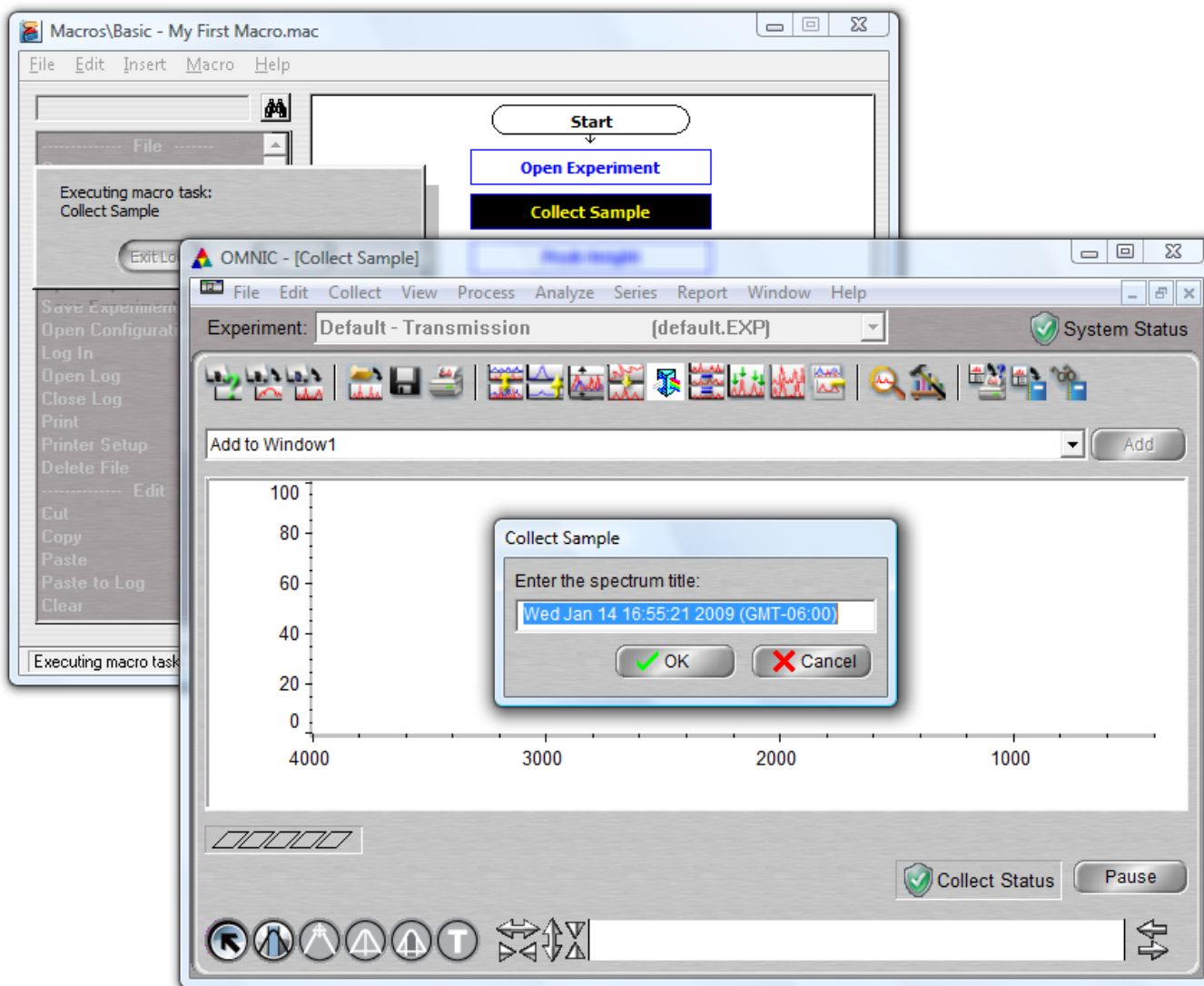
Summary Info



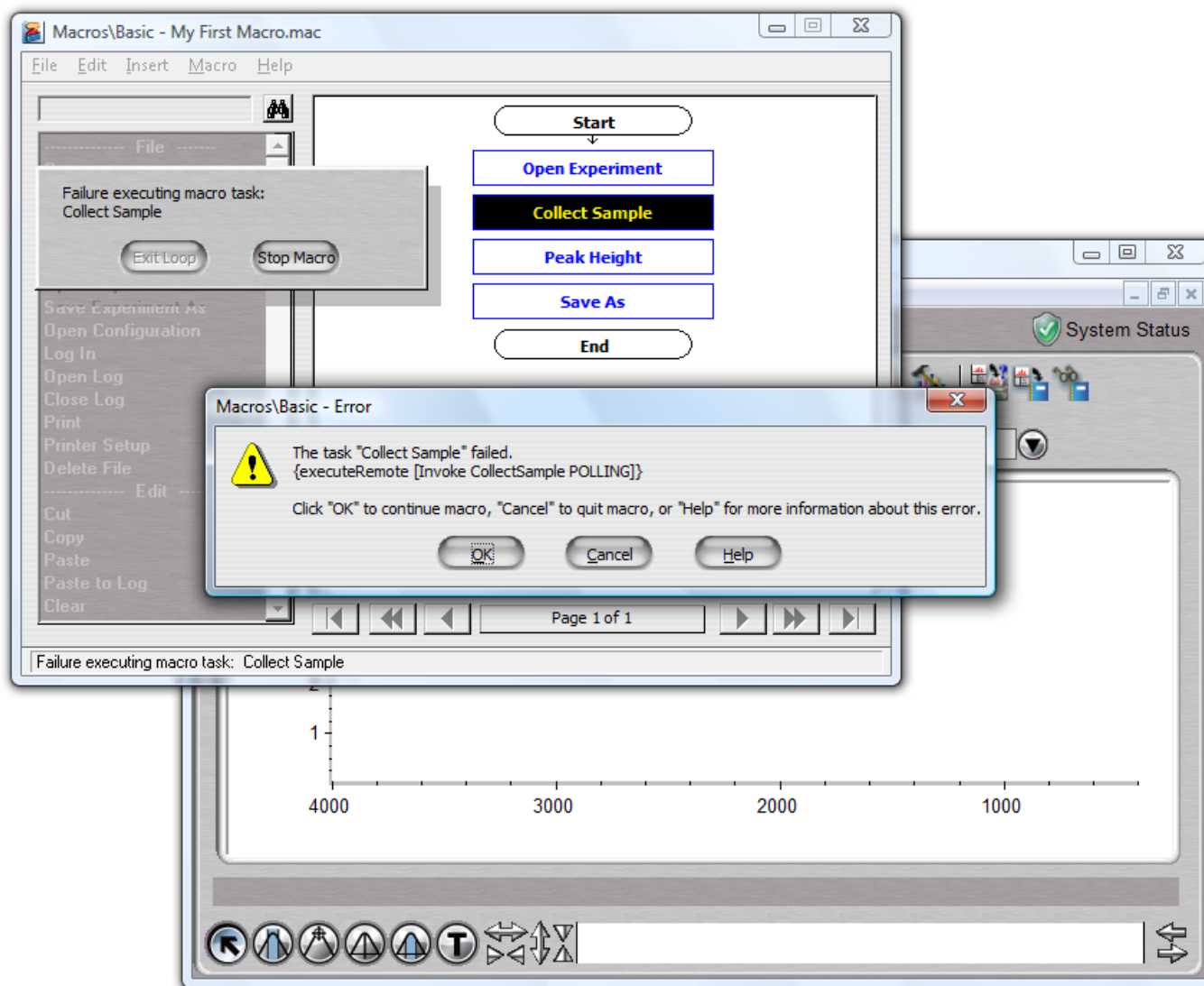
Running a macro



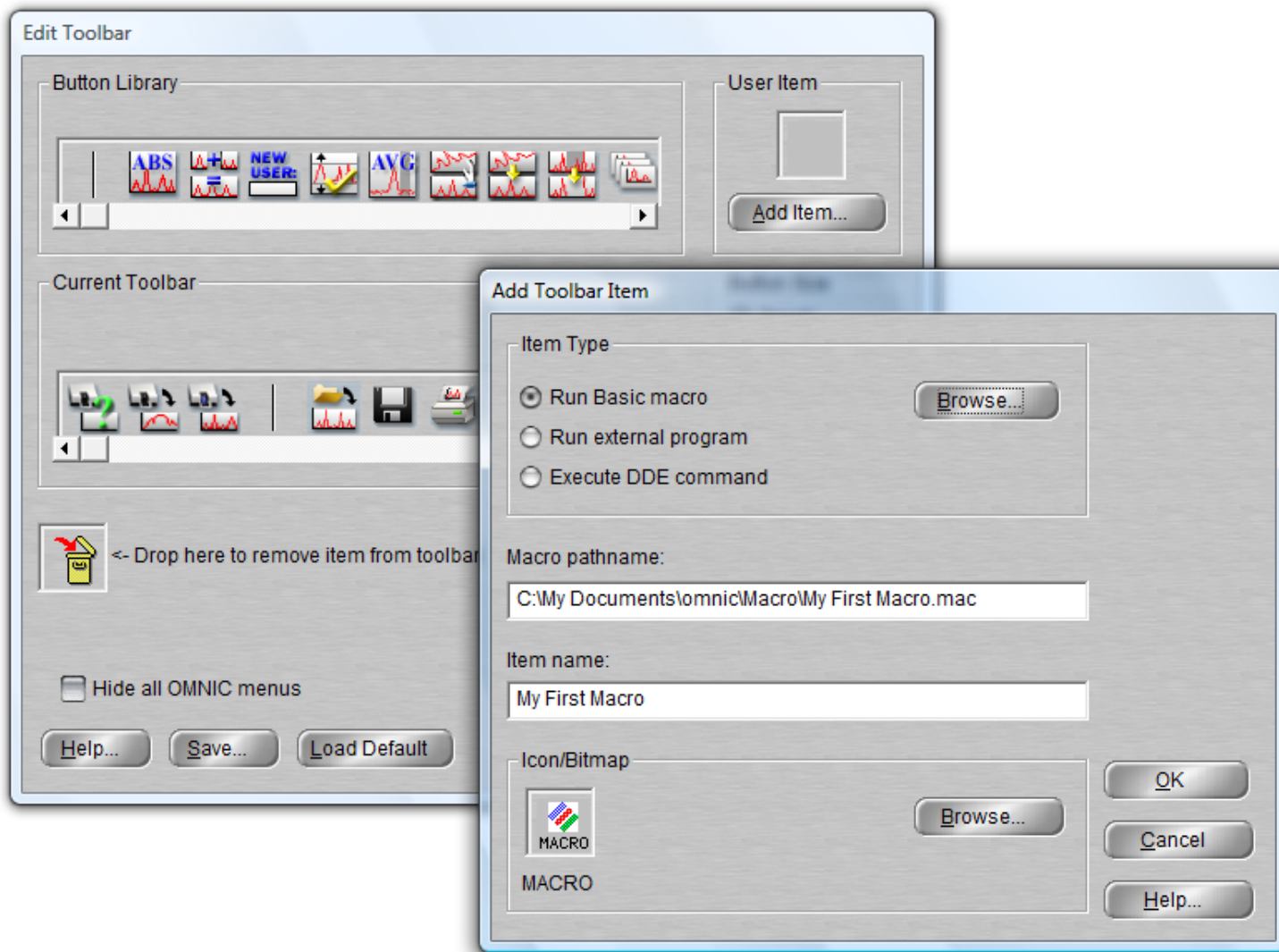
Macro tasks execute the same as OMNIC commands



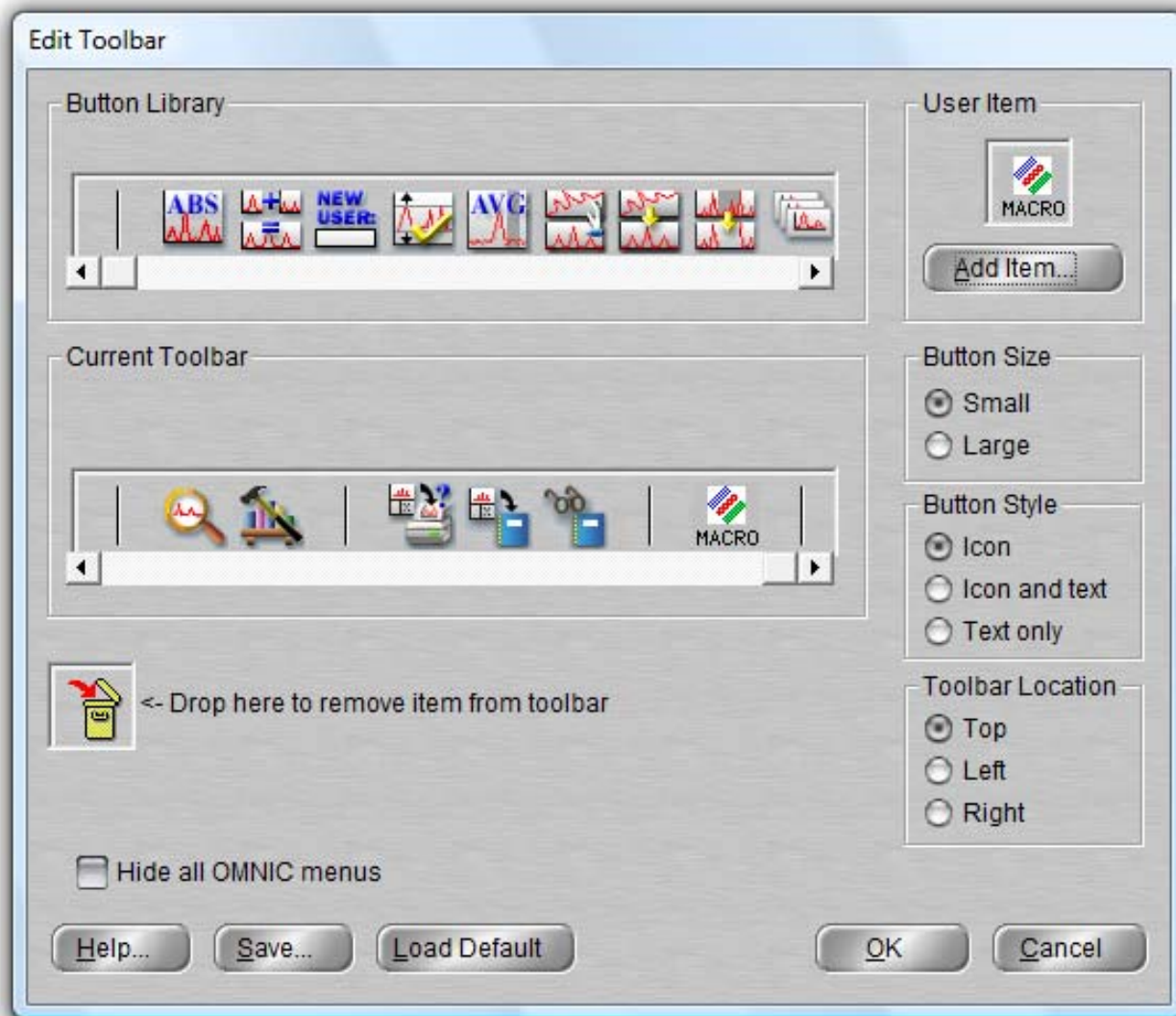
Ending macro execution



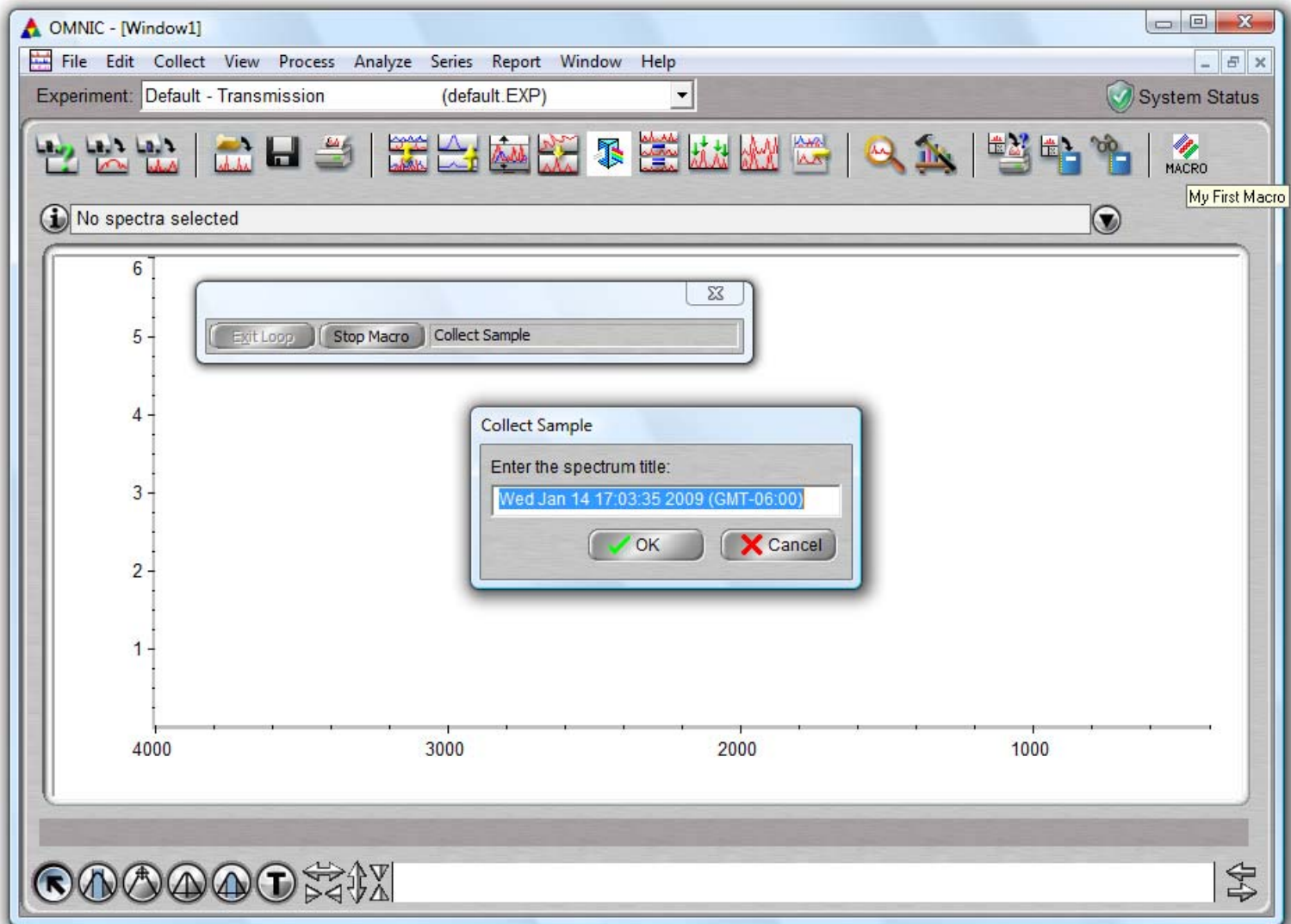
Assign a macro to the OMNIC toolbar



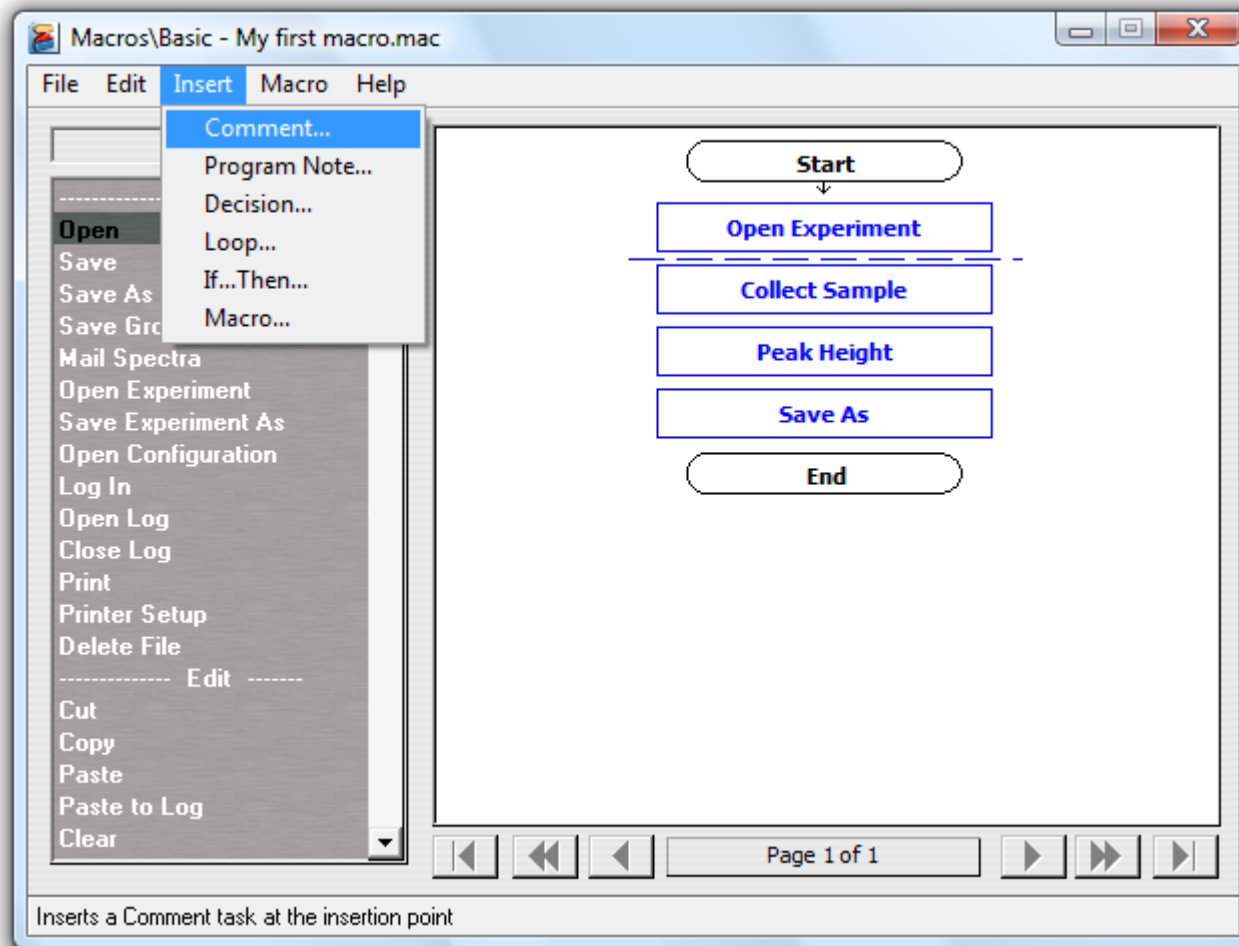
Placing the macro on the OMNIC toolbar



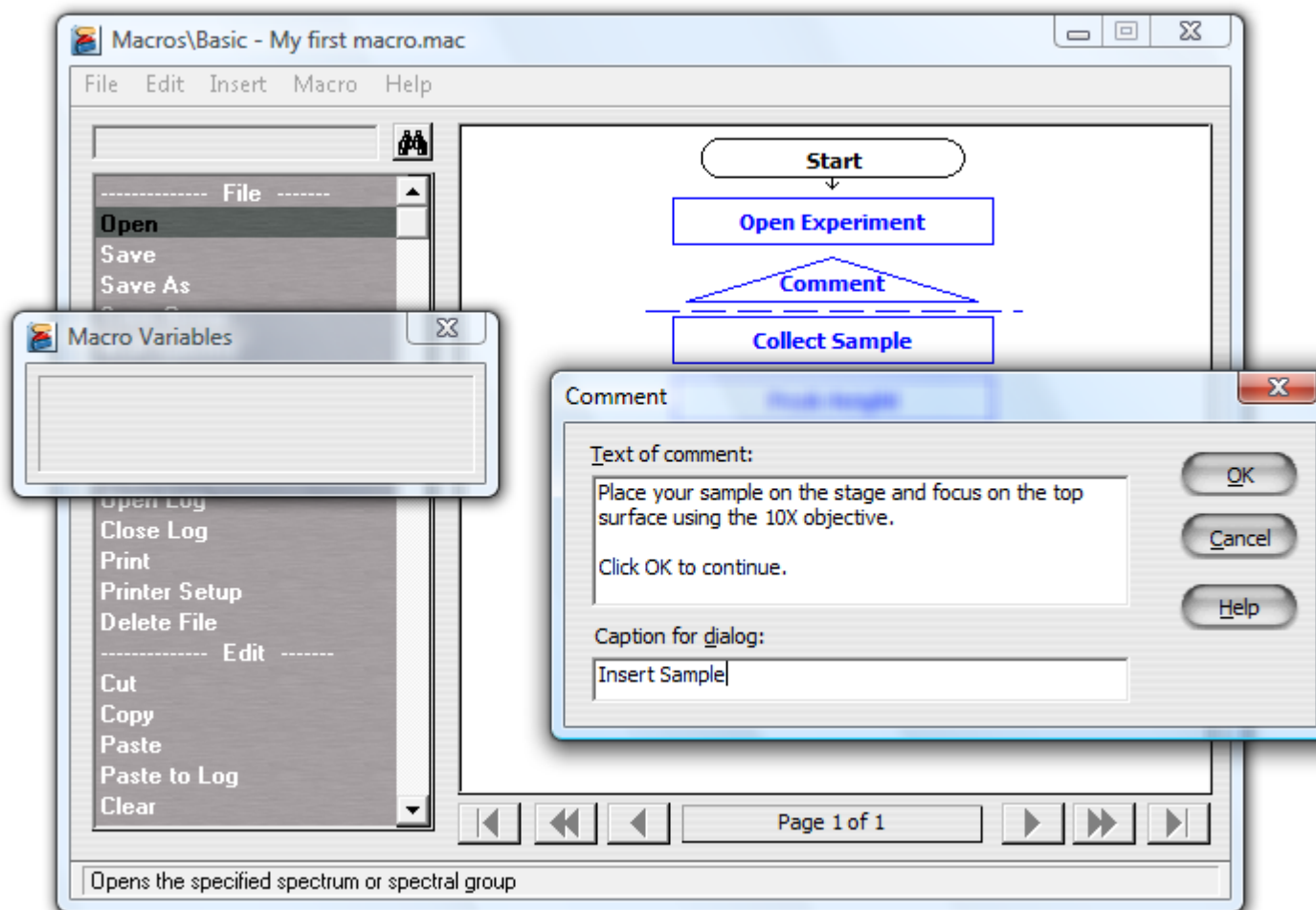
Ready to run macro from OMNIC toolbar



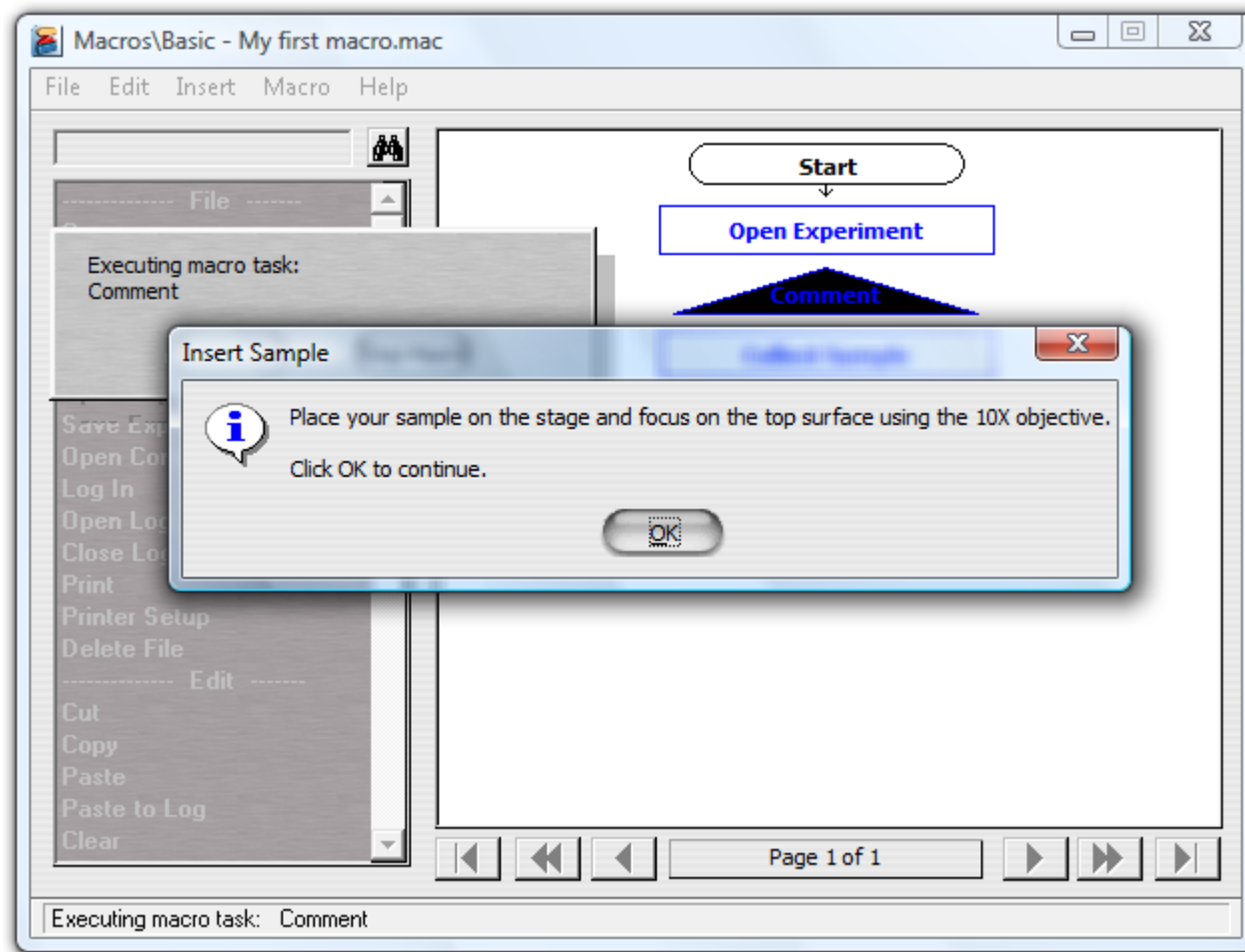
Interacting with a user



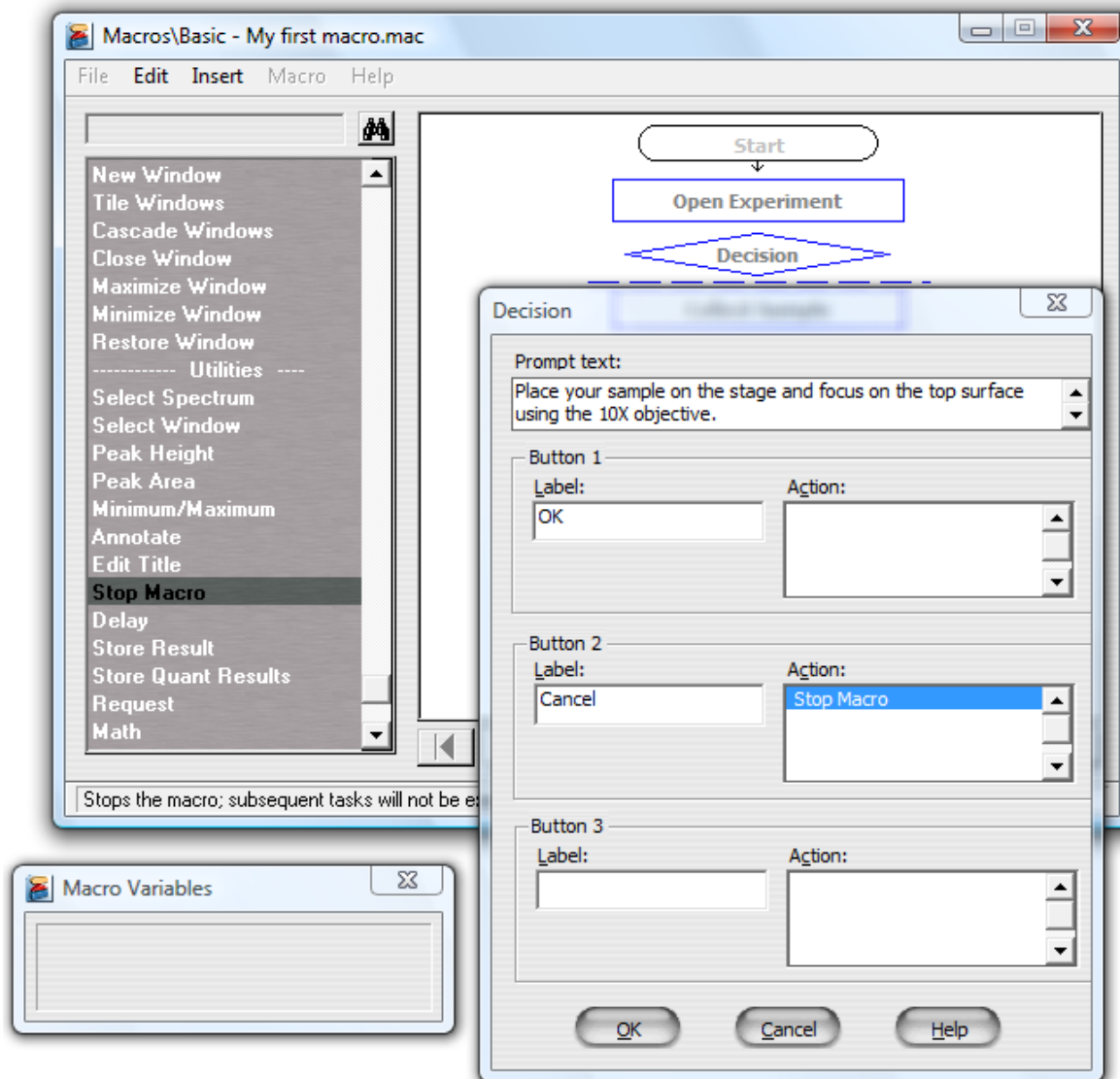
Displaying a message (Comment)



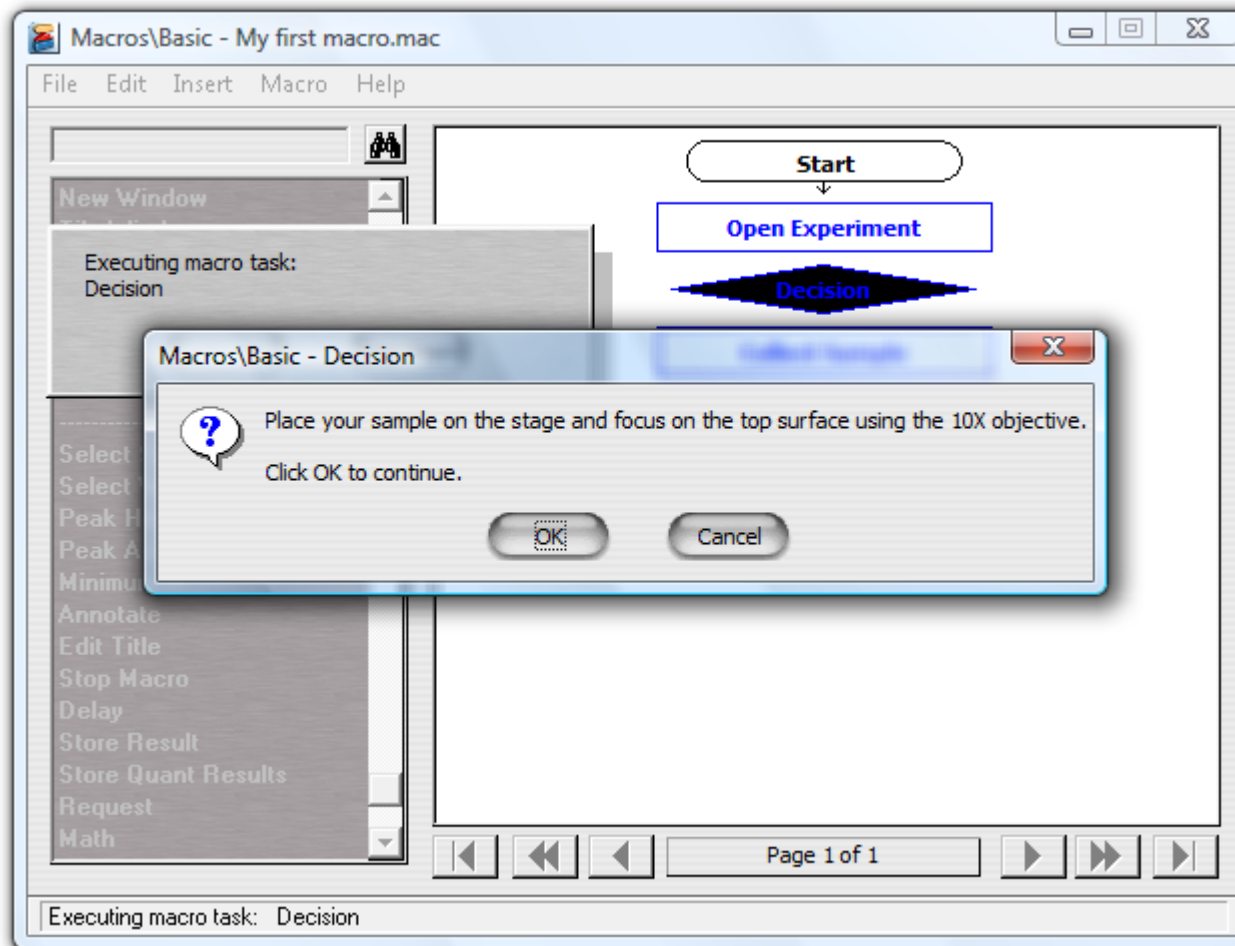
This is how a Comment task appears at run time



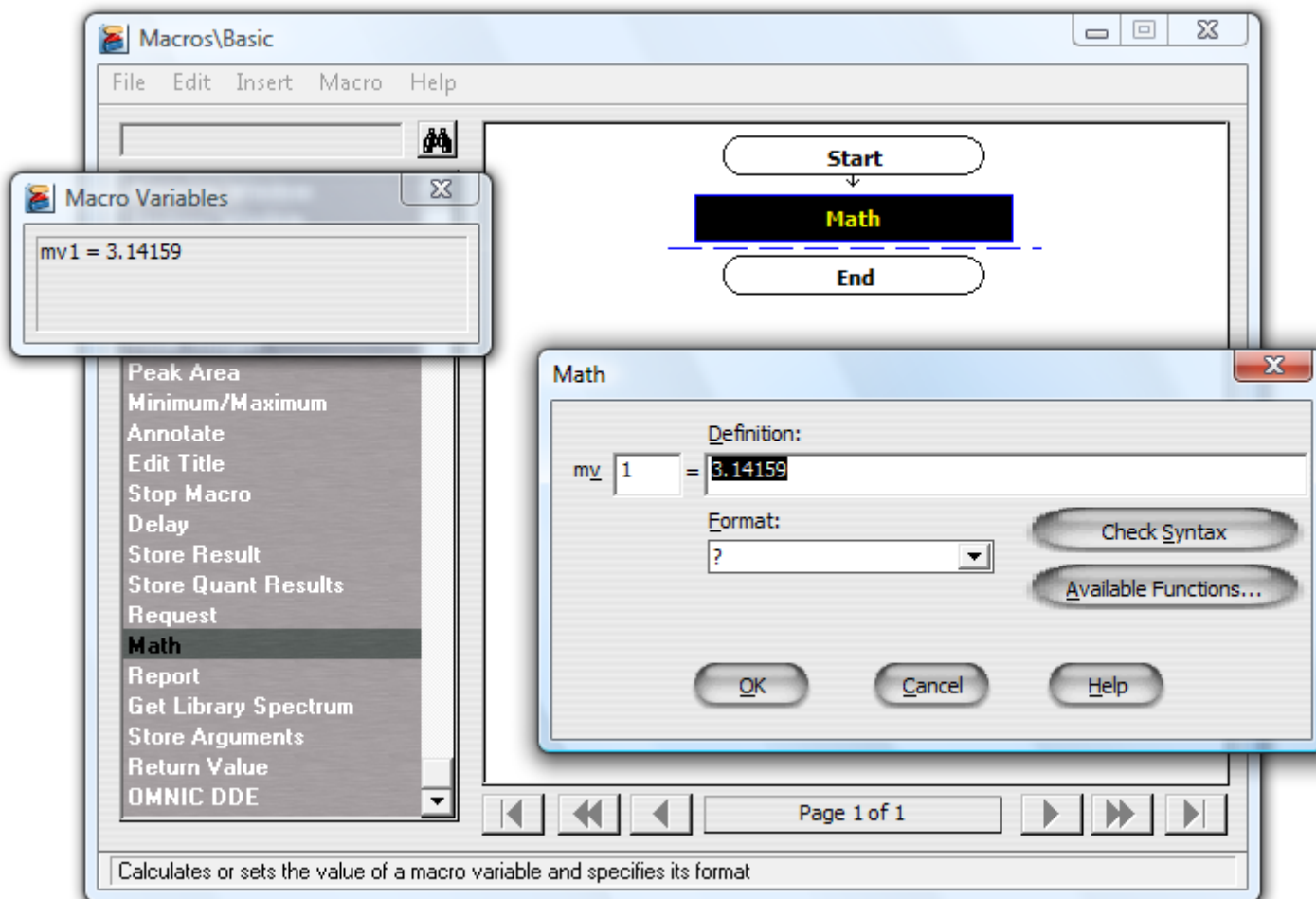
Decision task



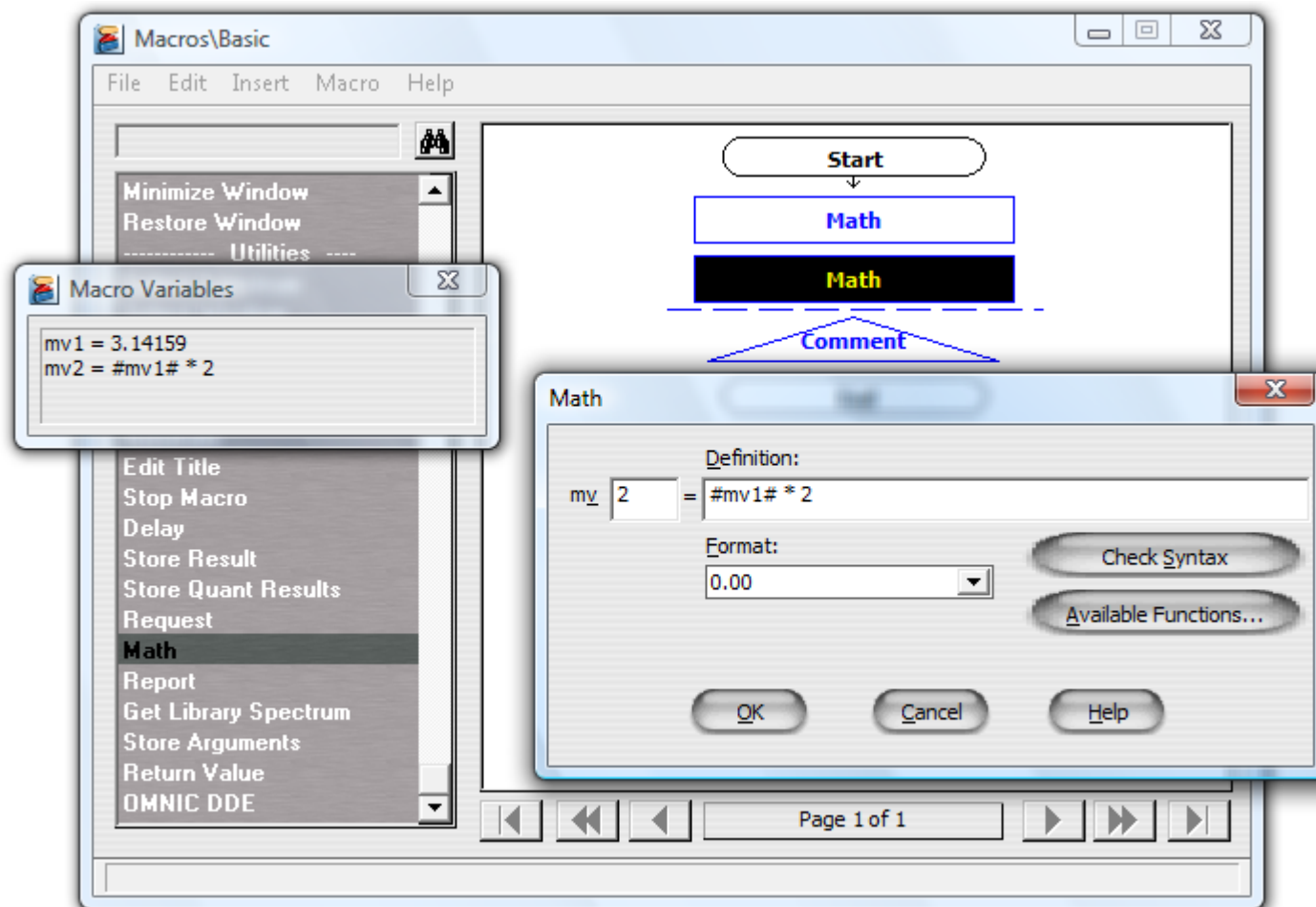
Decision task at run time



Macro variables



Using macro variables



More on macro variables

The screenshot displays the **Macros\Basic** application window. The menu bar includes **File**, **Edit**, **Insert**, **Macro**, and **Help**. The main workspace shows a macro workflow diagram with the following steps: **Start** (oval), **Math** (rectangle), **Math** (rectangle), and **Comment** (triangle). A **Macro Variables** dialog box is open, showing the following code:

```
mv1 = 3.14159  
mv2 = #mv1# * 2
```

The **Macro** menu is open, listing various actions: **Annotate**, **Edit Title**, **Stop Macro**, **Delay**, **Store Result**, **Store Quant Results**, **Request**, **Math** (highlighted), **Report**, **Get Library Spectrum**, **Store Arguments**, **Return Value**, and **OMNIC DDE**. A **Comment** dialog box is also open, with the following fields:

- Text of comment:**
The value of pi = #mv1#
Two pi = #mv2#
- Caption for dialog:**
Macros\Basic - Comment

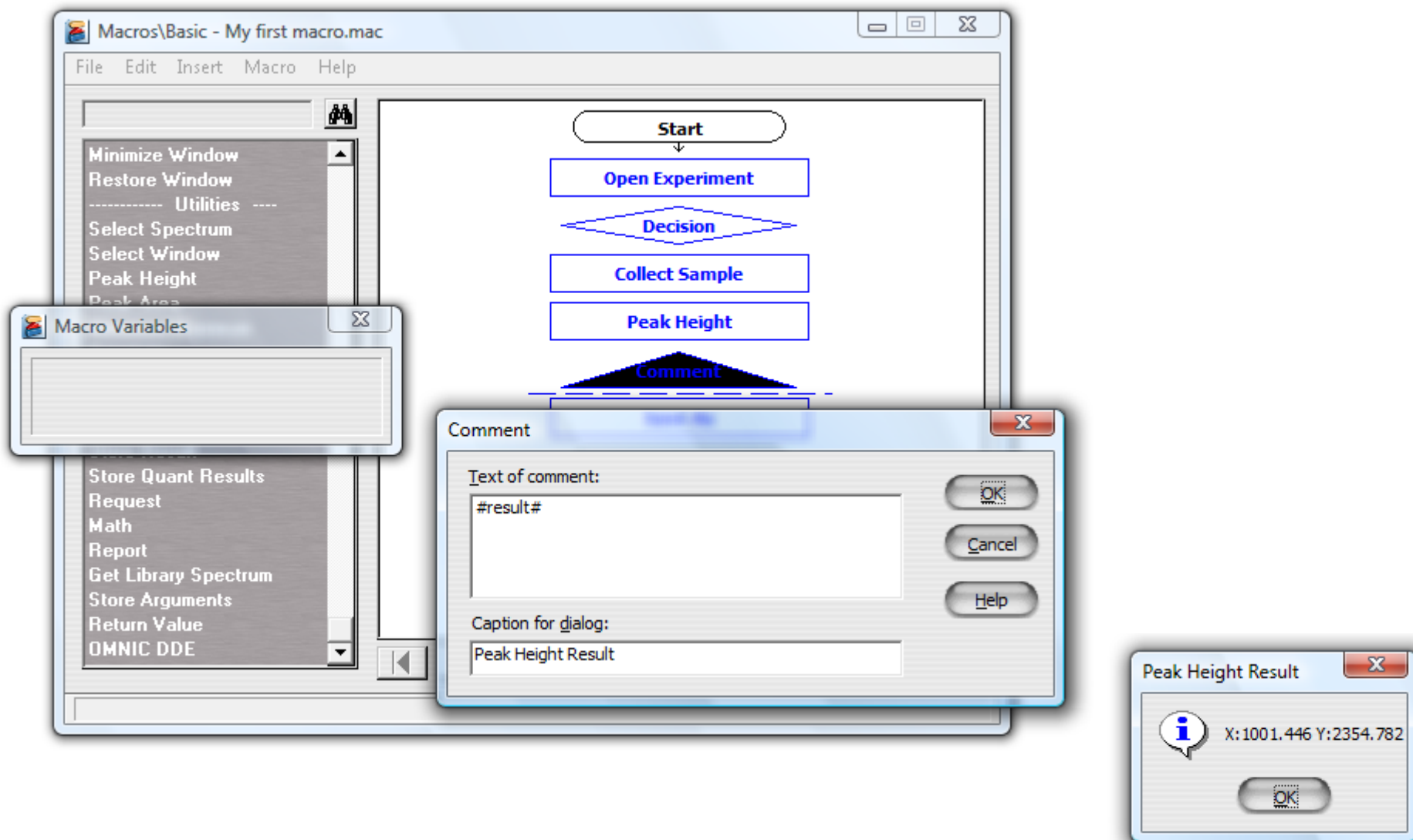
The **Comment** dialog has **OK**, **Cancel**, and **Help** buttons. At the bottom of the main window, the status bar shows **Page 1 of 1**. In the bottom right corner, a final **Macros\Basic - Comment** box displays the results:

Macros\Basic - Comment

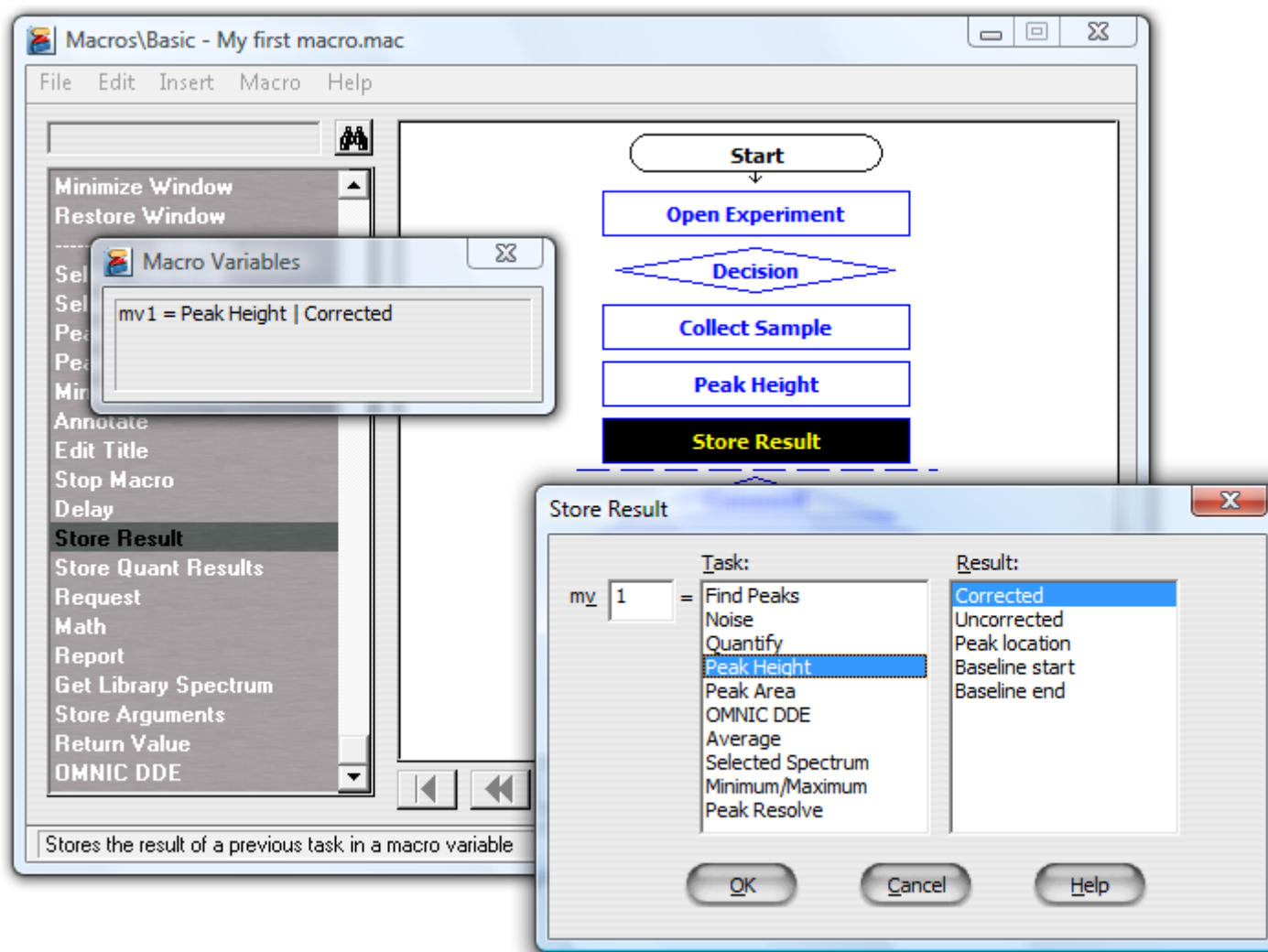
The value of pi = 3.14159
Two pi = 6.28

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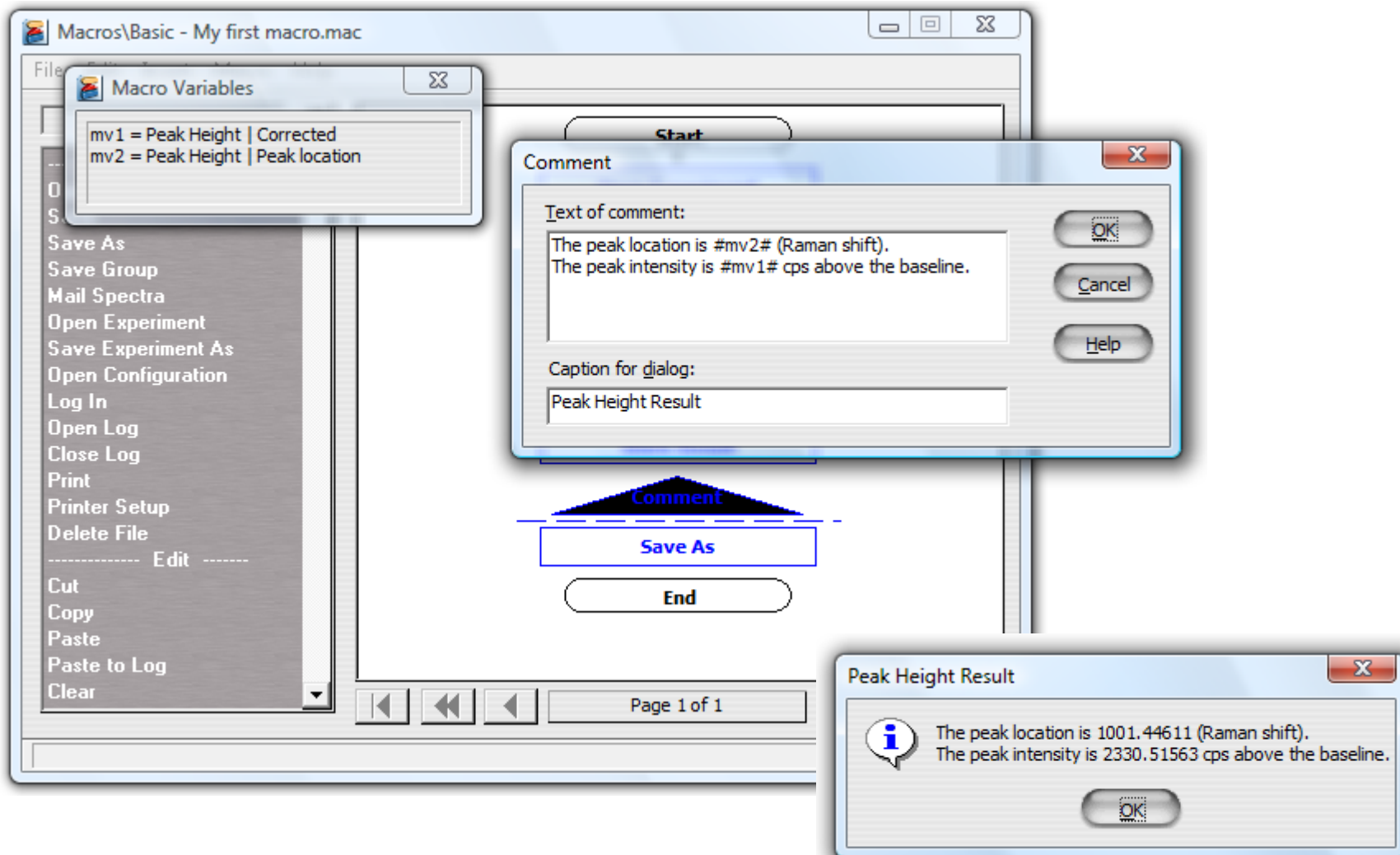
Capturing task results



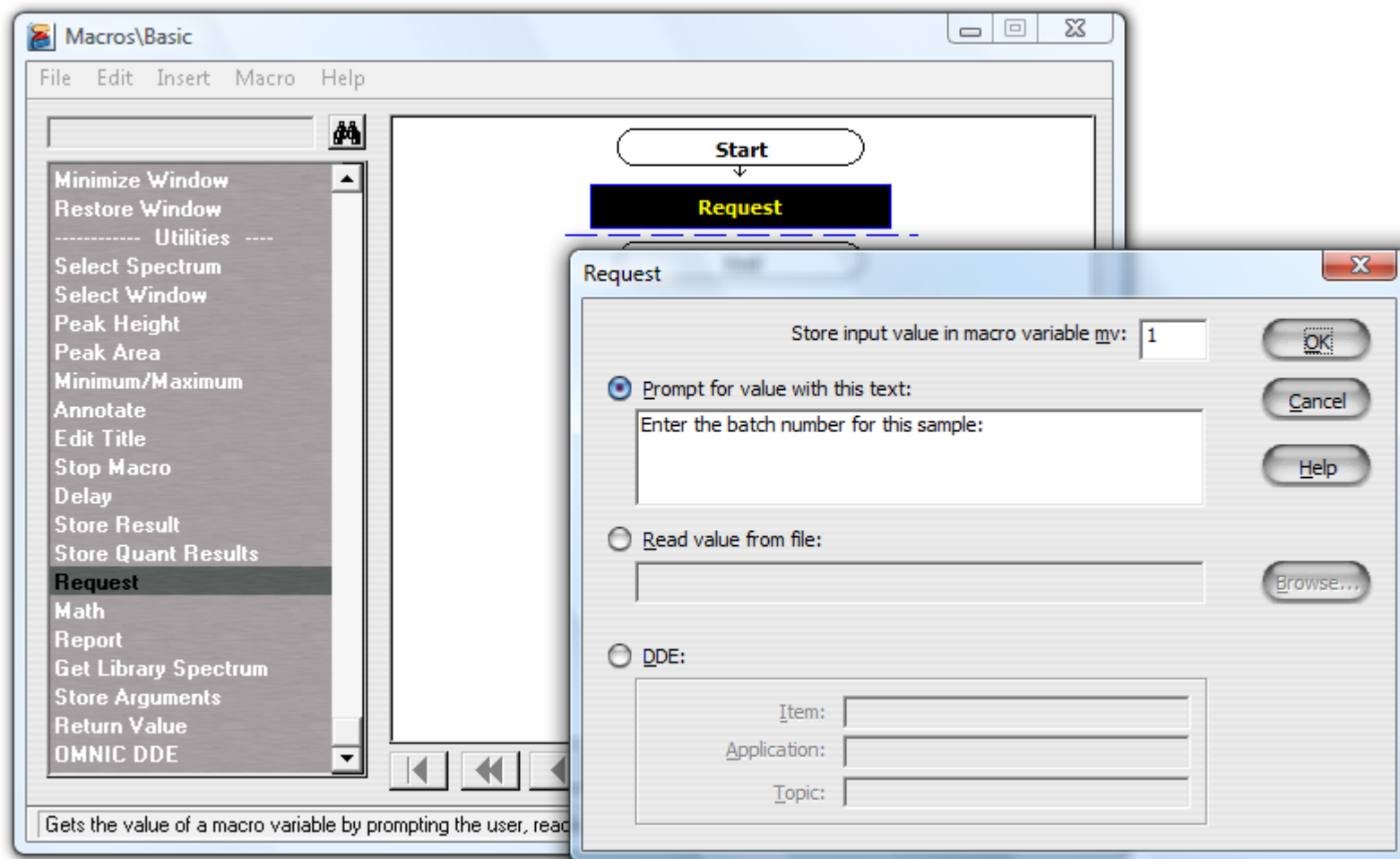
Store Result task



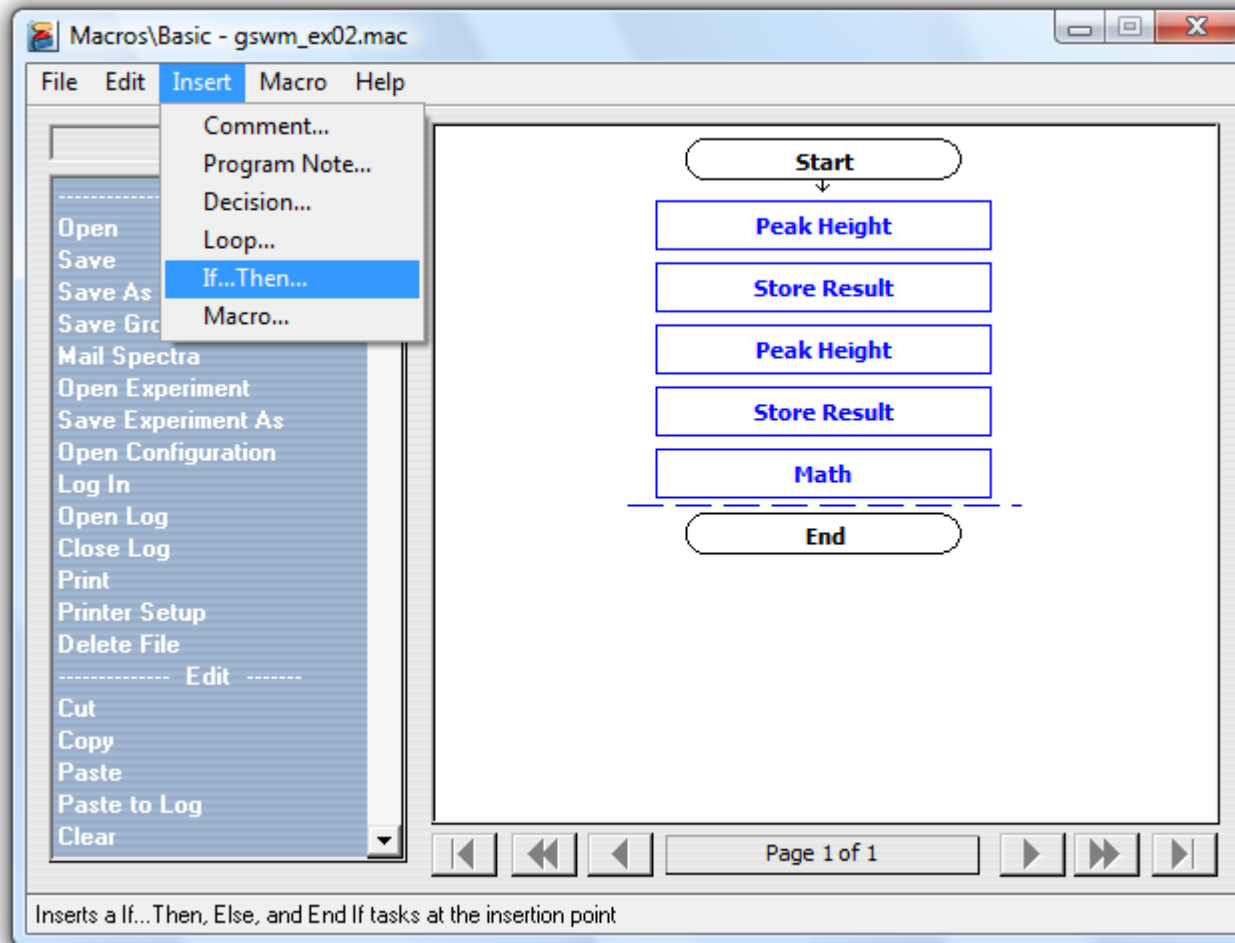
Using stored results



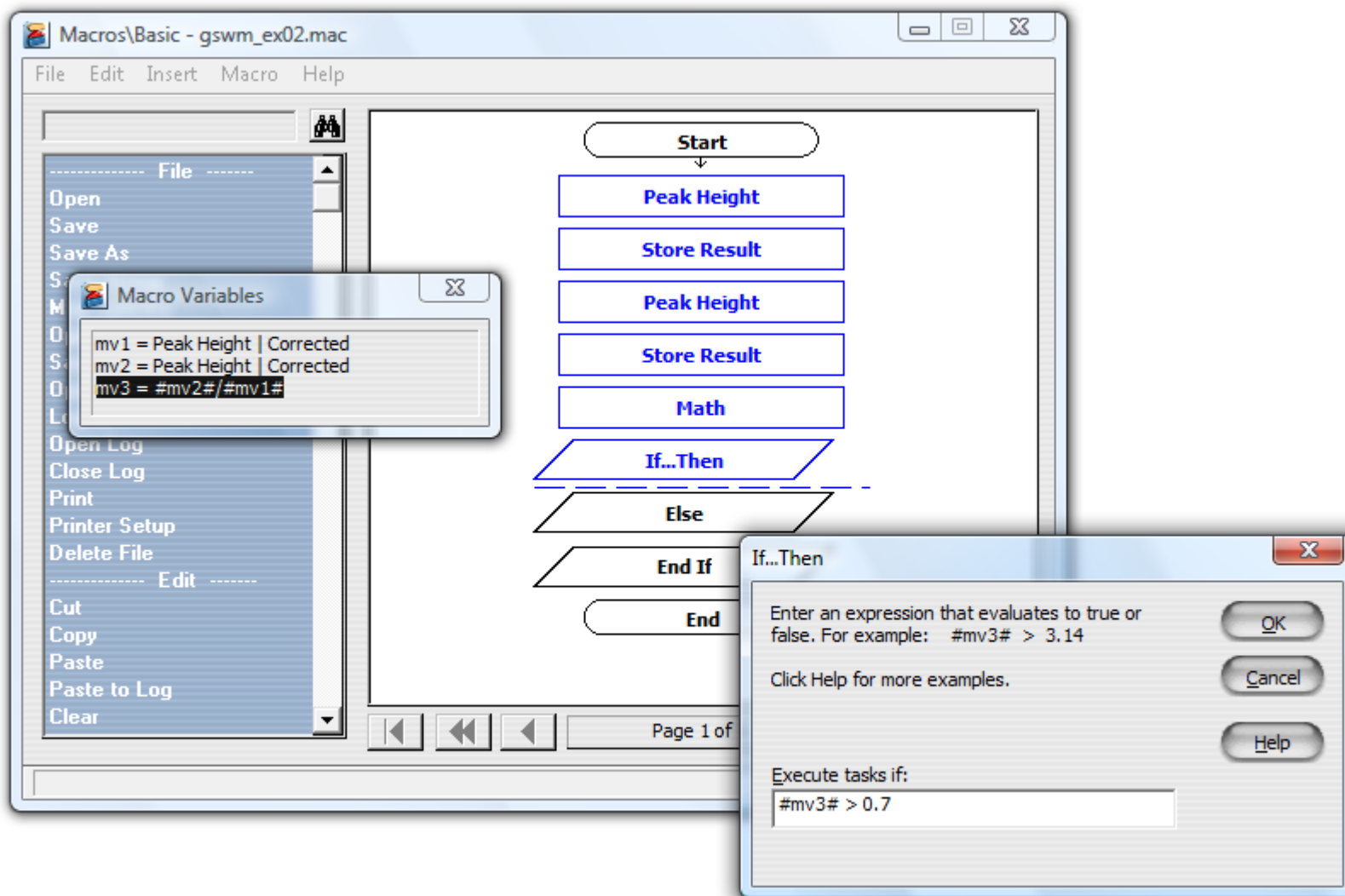
Request task lets the user enter data



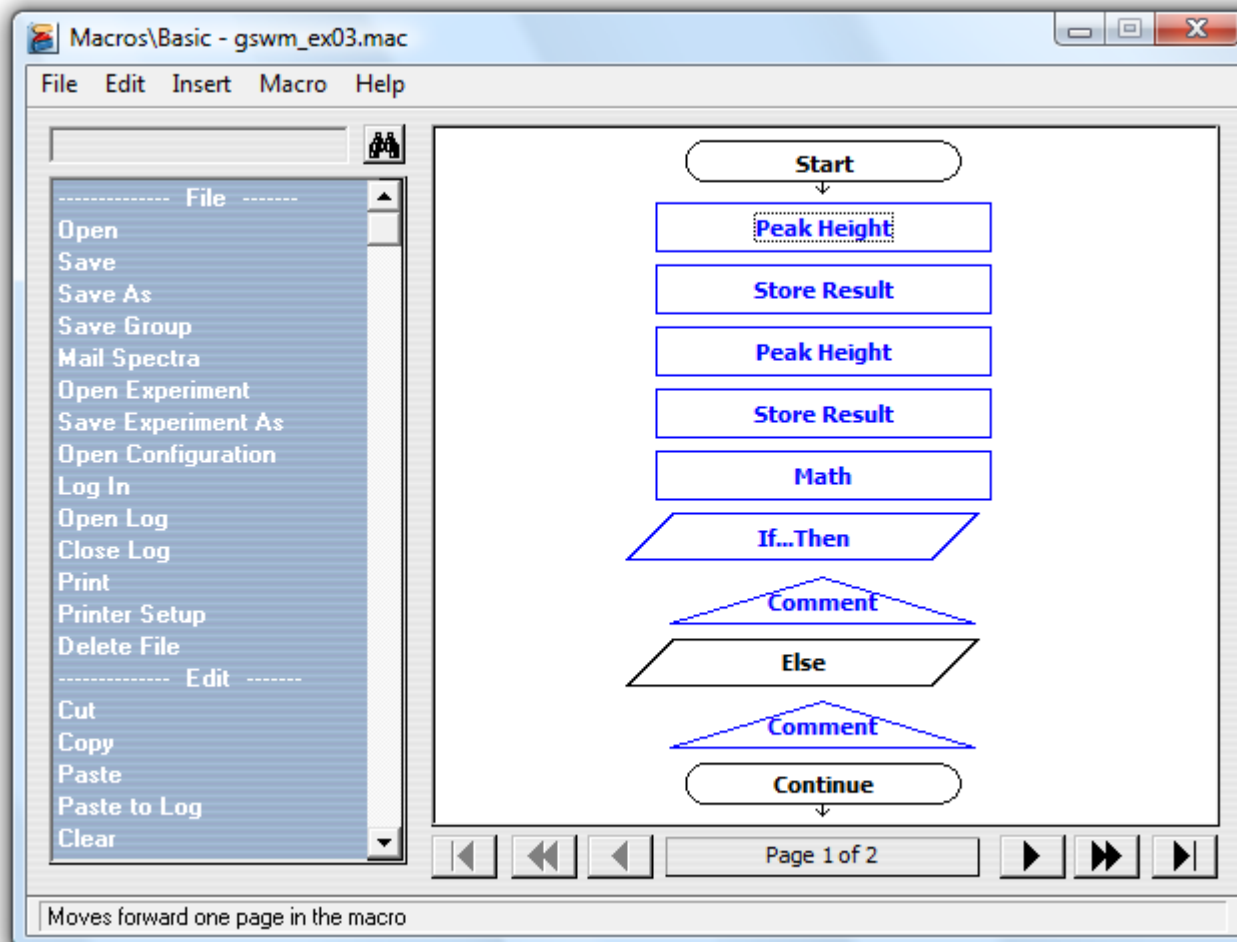
If...Then program flow tasks



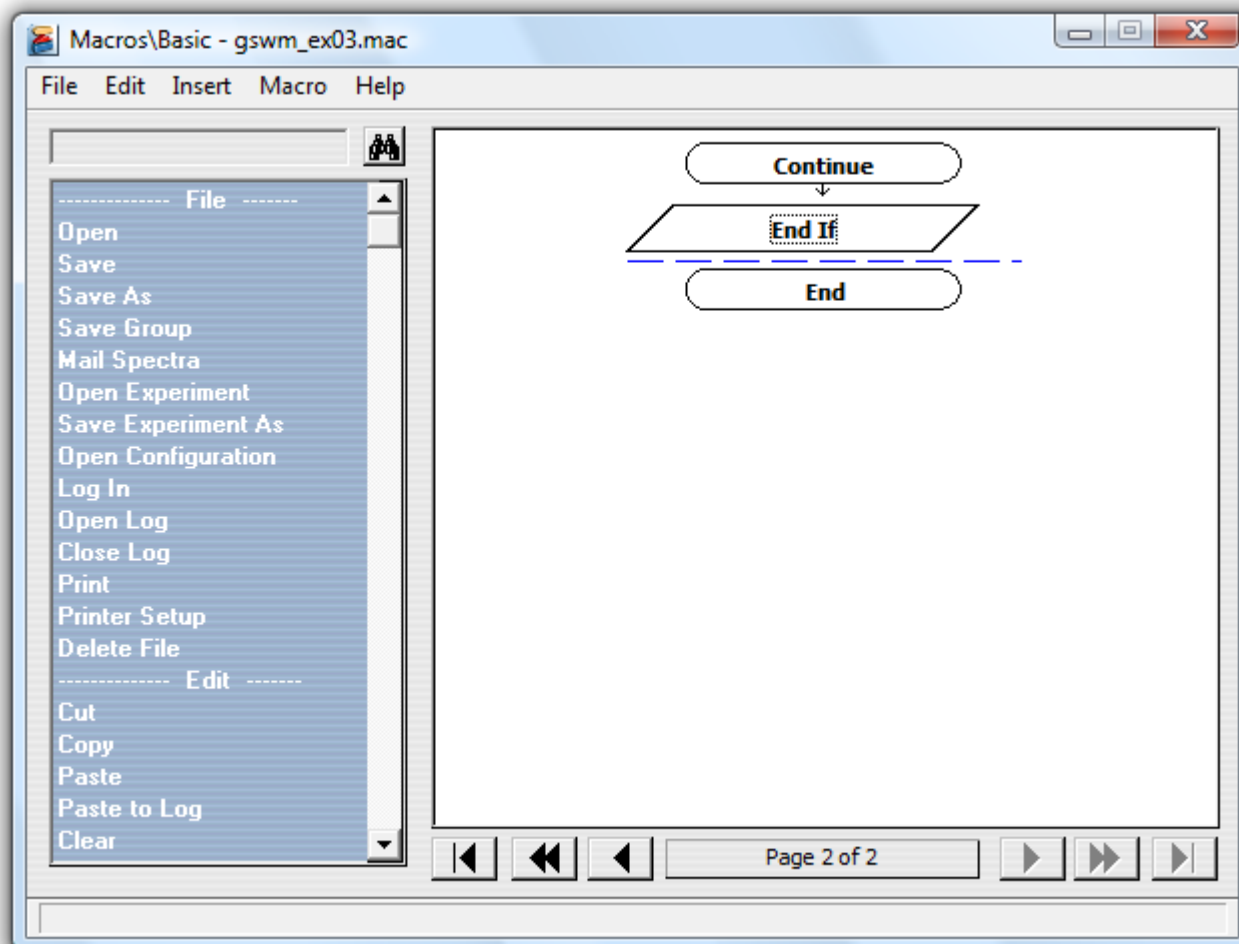
Inserting an If ... Then task



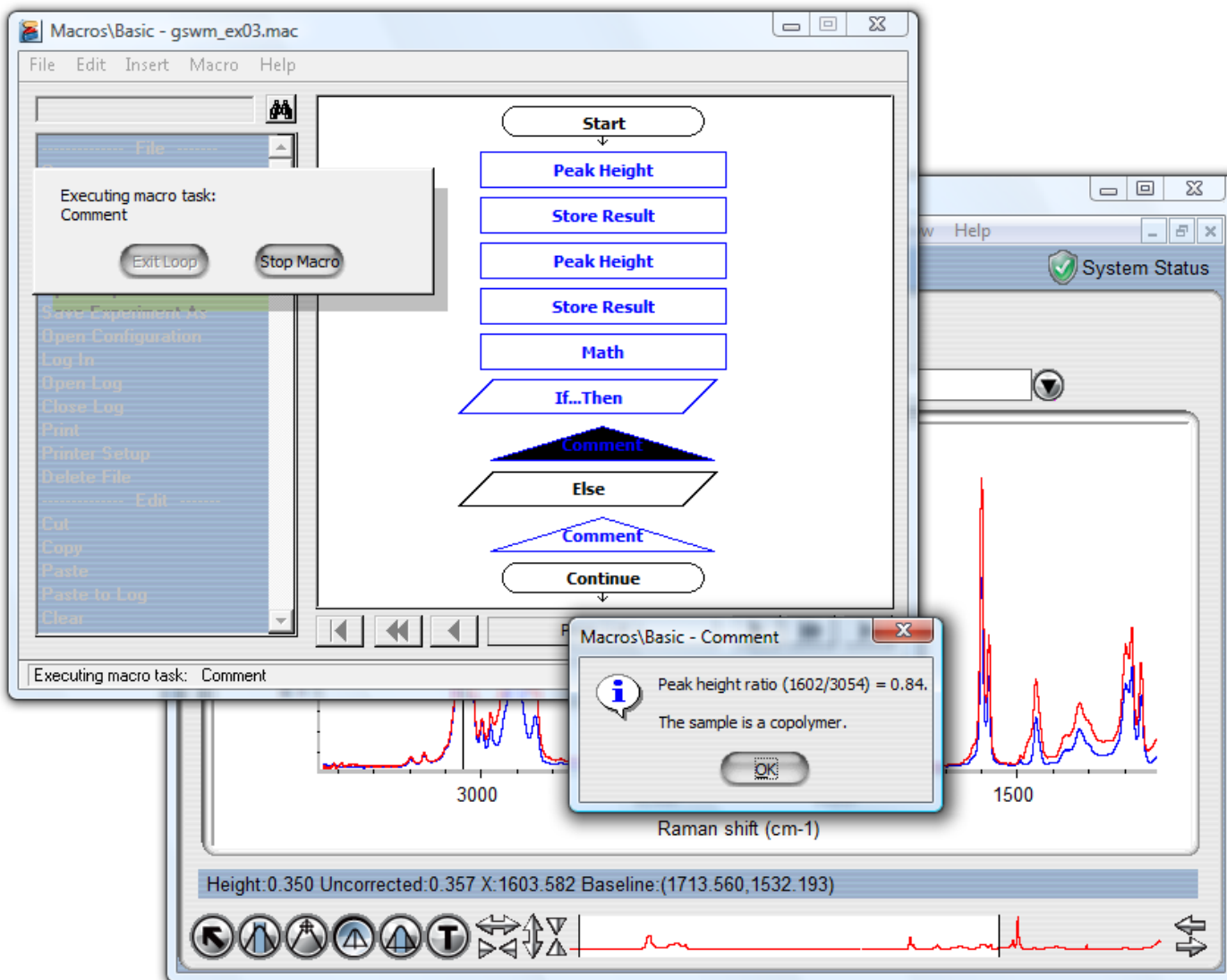
Adding tasks to the If...Then branches



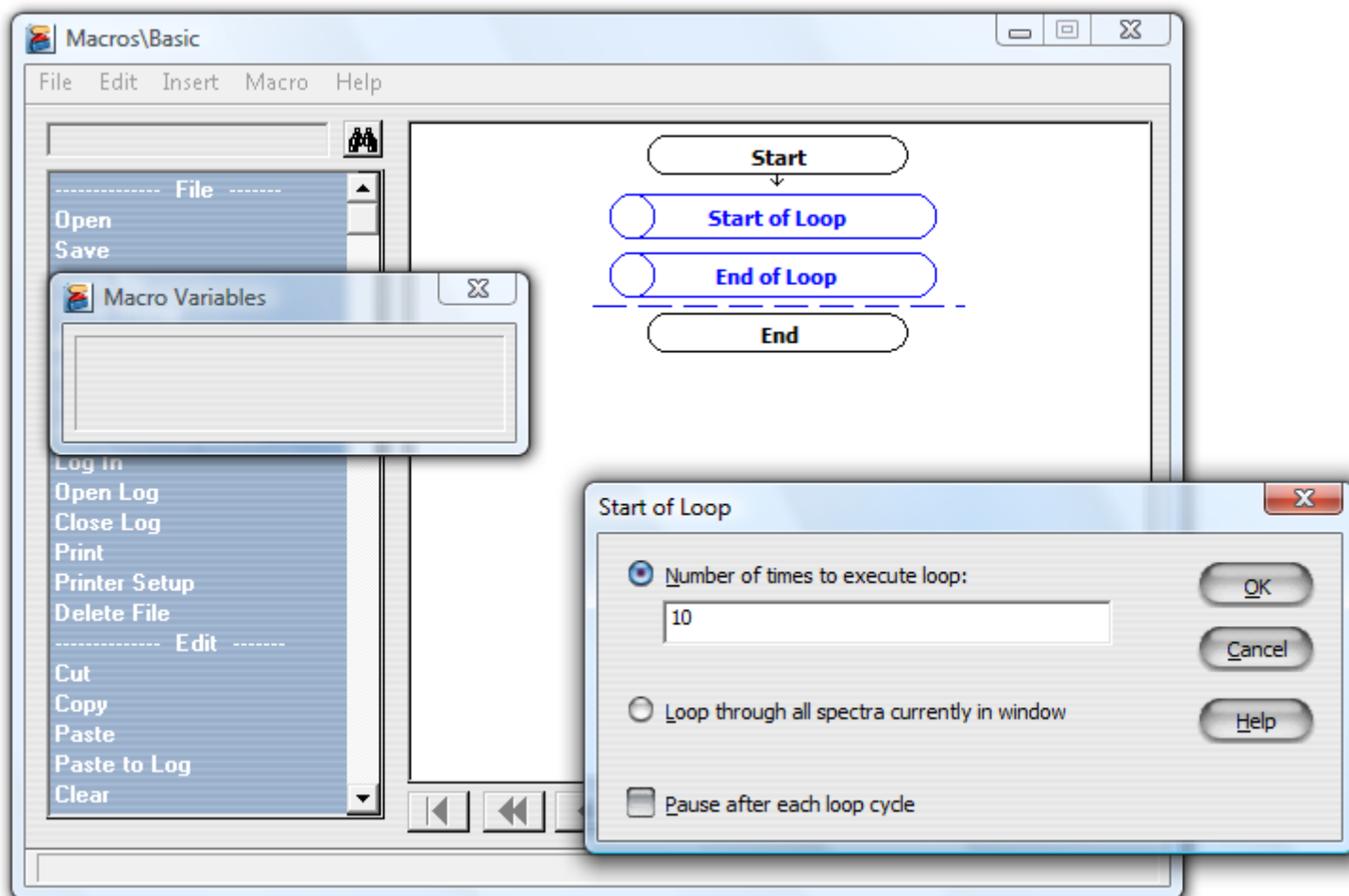
Moving between pages in your macro



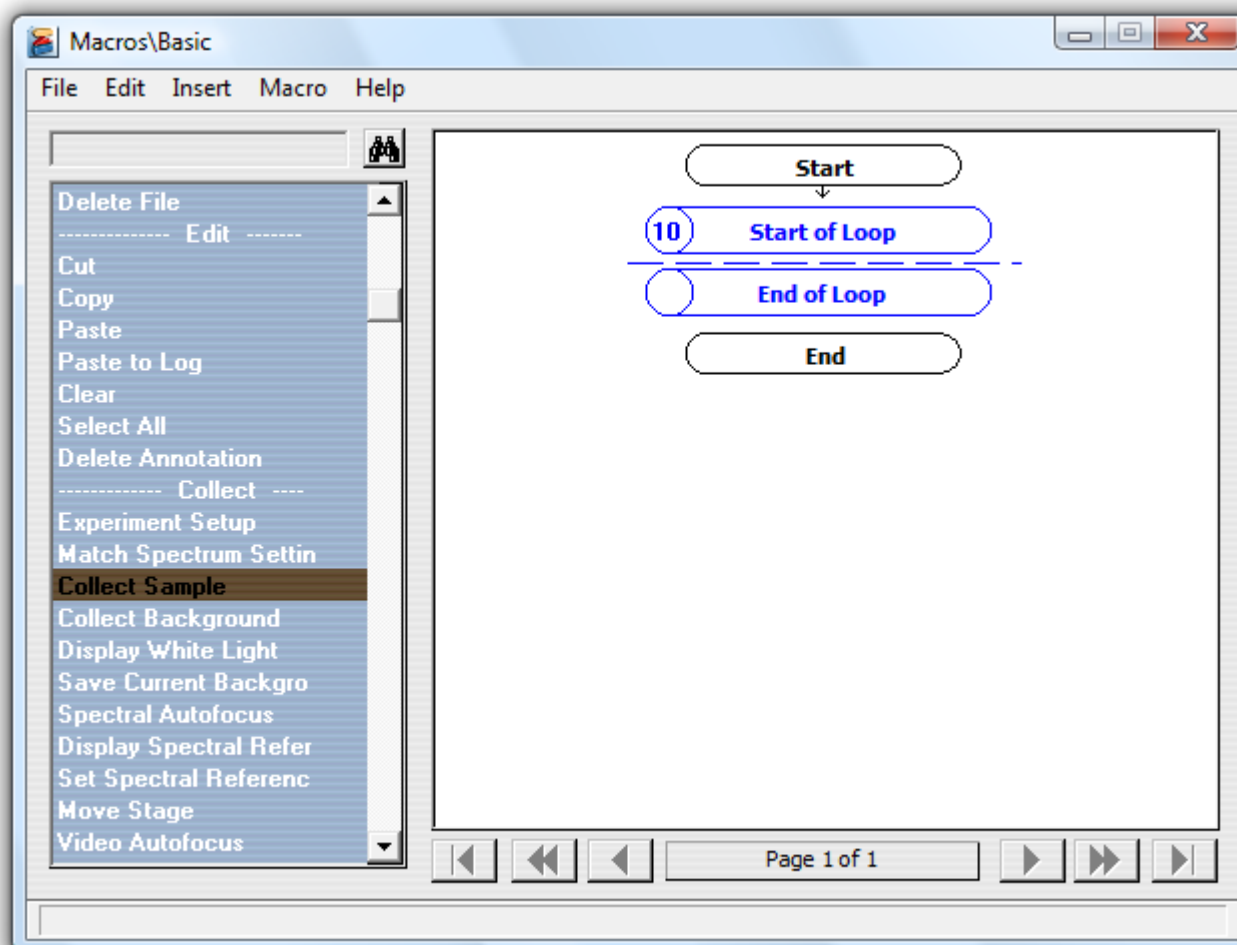
If...Then at run time



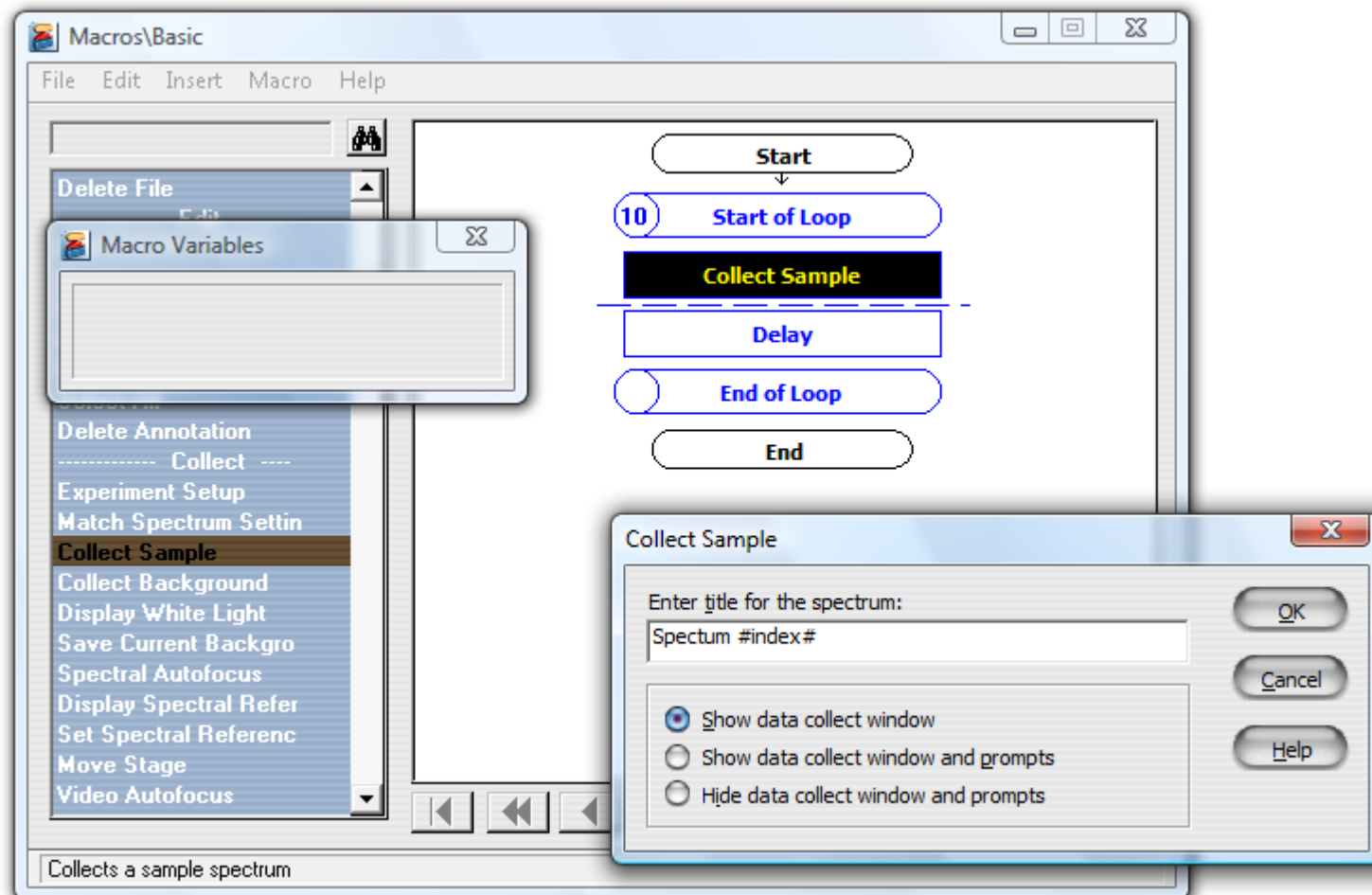
Loops



Loop boundaries



Adding tasks to a loop



Running a macro with a loop

