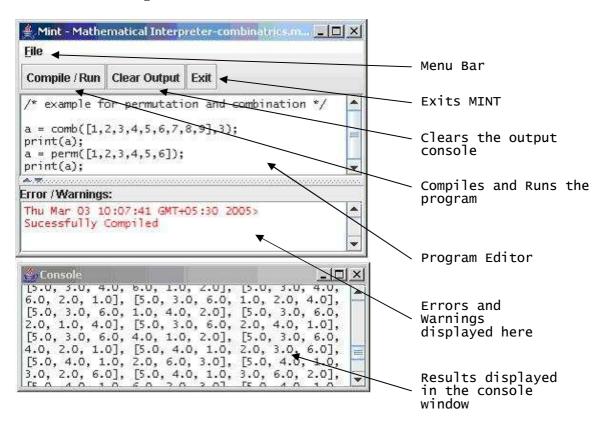
# **MINT** -Mathematical INTerpreter User Manual

# **View of MINT Program Editor:**



The above diagram describes clearly about the general structure of MINT software. Basically it contains two separate windows . They are

- (a) MINT Window
- (b) Console Window

#### (a) MINT Window:

This is the window where the programmer can type the programs. This window also contains the panel for displaying Errors / Warnings. The diagram shows how the errors are displayed in the Error / Warnings panel.

```
Error / Warnings:

Sucessfully Compiled
Thu Mar 03 10:11:06 GMT+05:30 2005>Error:
<Line: 6, Column:9>: unexpected token: null
```

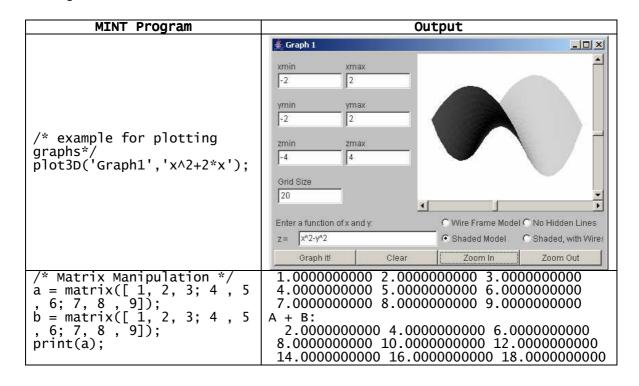
# (b) Console Window:

This window is used to display the results of the programs in the program editor.

# How to write a program in MINT?

- 1. Open Mint
- 2. By Default it is opened with New file, else to create a new file click File->New File or "Control + N" keys
- 3. After creating new file start writing the program with Mint specified language
- 4. To compile the program to check for errors, click "Compile / Run" button.
- 5. This will displays the status of program. The status may be the following
  - a. Program compiled successfully and executed
  - b. Any syntax error in program
- 6. Output is being displayed in the output console.
- 7. The Output Console can be cleared using the "Clear Output" Button
- 8. Next the program can be saved using File->Save or "Control + S" keys
- 9. If you want to save the program in different name, use "File->Save As"
- 10. To Quit the Console, use File->Quit or "Control + W" keys
- 11. Syntax and Semantics of writing a MINT program are explained in detail in the Help Manual available along with the MINT software.

# **Glimpses of MINT:**



```
C = a + b;
print('A + B: \n ' + c);
c = a - b;
print('A - B: \n ' + c);
c = a * b;
print('A - B: \n ' + c);
c = a * b;
print('A * B: \n ' + c);
c = a * b;
print('A * B: \n ' + c);
c = a * b;
print('A * B: \n ' + c);
d = a * b;
print('A * B: \n ' + c);
d = a * b;
print('A * B: \n ' + c);
d = a * b;
print('A * B: \n ' + c);
d = a * b;
print('A * B: \n ' + c);
d = a * b;
d = a * b
```

**Note:** Sample programs are available in the samples directory.