

How to create and run Miranda programs on the Computer Science servers (e.g by using a Sunray terminal in the Java lab on the 3rd Floor of Erie Hall)
(these instructions may also work for ARC1)

1. Sit at one of the Sunray terminals and log on to the server using your id and password.
2. Click on an empty area. Select “terminal” from the drop down menu.

OR follow instructions 3 and 4 if using last year's desktop

3. *Open the file system by clicking on the picture of a filing cabinet at the bottom of the screen – a “File Manger” window will appear.*
4. *In the File Manger window, click on “File” (top-left). Choose “Open terminal” from the menu, a terminal window will appear.*
5. In the Terminal window type “nedit test.m &” (without the quotes). Two new windows will appear: a larger window “test.m” and a smaller window “New File”. The “&” will allow you to enter more commands in the “Terminal” window later if you want to.
6. Click on the “New File” button (bottom left) on the New File window, the window will disappear.
7. You can now write a program into the “test.m” window. Begin by writing:

hello = “hello there”

8. Now click on the “File” button in the test.m window, and choose “Save” from the menu.
9. Now move the windows so that you can see all of them.
10. Click on the top bar of the “File Manger” window to make it the active window. Now click on the icon for the file called “test.m”. The Miranda runtime environment will start up in a window called “Open” and will compile the program in test.m.
11. Type “hello” into the “Open” window. If you have done everything correctly, then the computer will respond with “hello there”
12. You can now go back to the editor window “test.m” and add new definitions. For example, try adding
myname = “your name here”
13. Then click on File button (top left) and choose “Save”.
14. Then activate the Miranda environment window “Open”. Then, to recompile the revised file type “/f %” (This is a Unix-like command meaning reload the last file loaded)
15. Now try entering “myname” (without quotes).
16. Later, you will learn how to create directories for organizing your files. For now just experiment with the editor by adding new definitions to test.m and running them as described above.