AMTH142 Assignment 2

1. Download the files
   http://mcs.une.edu.au/~amth142/docs/assign2.tex
   http://mcs.une.edu.au/~amth142/docs/dj.dat

2. Edit the file dj.dat to remove the text before the data.

3. To plot this data using Scilab:
   (a) Start Scilab.
   (b) Scilab needs to know where the data is. Under Linux this is easy, just start Scilab in the directory where the data file is. Using Windows may require a bit of looking around.
   (c) Do the following in Scilab:
       ``````
       -->dj=read('dj.dat', 162, 1);
       -->plot2d(dj)
       ```
   (d) Go to file menu on the Scilab graphics window and select export. Make sure the Format Selection is Postscript and the Orientation is Landscape. Under filename type whatever you like, the saved file will automatically have the extension .eps (encapsulated postscript).

4. Edit assign2.tex to include your own name as author and the name of the .eps file in the \includegraphics command.

5. Run the file through \LaTeX, check that the graph looks right and then produce a postscript or pdf file.
6. Email the edited .tex file, the .eps file and the .ps or .pdf file to amth142@turing.une.edu.au

Practical 3 will deal in part with this assignment.