

Introduction to Scilab

Funded by the National Mission on Education through ICT

Indian Institute of Technology Bombay,

Organised by FOSSEE Group, IIT Bombay, <http://scilab.in>

(The sequence of spoken tutorials to be listened/followed is same as that of exercise sets below.)

Plotting

1. 01:12: Create a linearly spaced vector from 0 to 1 with 10 points
2. 01:12: Also create a linearly spaced vector from 0 to 1 with 11 points
3. 01:35: plot $\sin(x)$ versus x .
4. 02:50: Use `plot2d` and try changing the color to red. Also try `style = -1`
5. 03:53: Put a title: "Sine", and labels, 'x axis' and 'y axis'
6. 05:50: Plot $\sin(x)$ and $\cos(x)$ on the same window.
7. 06:08: Create a legend for the above plots.
8. 09:25: Now plot $\sin(x)$ and $\cos(x)$ as subplots within the same window.
9. 10:10: Save your plot as a file.