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# Lab

<https://gitlab.liu.se/yonan994/tdde45-lab-4-task-c>

## Task C. Vector graphics

### Postscript

We found that Postscript was such a low-level and limited language its functionality and syntax was almost as brilliant as an assembly language. We spent quite some time to research how to convert integers to string and concatenate strings together and that was admittedly a huge chore - it did not help that the documentation was not very comprehensive and that the community support is as good as none. However, it was a rather fun experience learning how to use variables and procedures, and writing a loop which ran 10 times to programatically and dynamically write out line numbers.

### SVG

SVG was more familiar to us because we have seen it used frequently on the web. Its syntax is easy to understand though we spent some time learning and tweaking the various parameters especially for triangle where we had to specify and draw a polygon instead.

### GraphViz

Never knew that such a programme exists. It seem to make drawing and editing of graphs so much easier. It is almost effortless as long as you have documentation of GraphViz, or in this case, Dot, on hand to link up the nodes into a graph of your choice. It is a really good introduction for this programme as it is simple and small, does not seem to require much space and it renders pretty quickly. Seems like a programme I may consider using in future for graph sketches.