

	Experiment - 1
1.1	Generate and plot elementary signals. a] Impulse signal, $\delta(t)$ and $\delta[n]$ b] Step signal, $u(t)$ and $u[n]$ c] Ramp signal, $l(t)$ and $l(n)$
1.2	Time domain sepsesentation of continuous and discrete time signals. Generate and plot the following a] x(t) = Asin (ant) + Bcos (3nt) b] x(n] = u(n) - u(n-4) c] x(n] = o(n) + ao(n-1) + 4o(n-2) - co(n-4) d) Square wave of frequency 4Hz and duty cycle of 40%
	Scannad by Cam

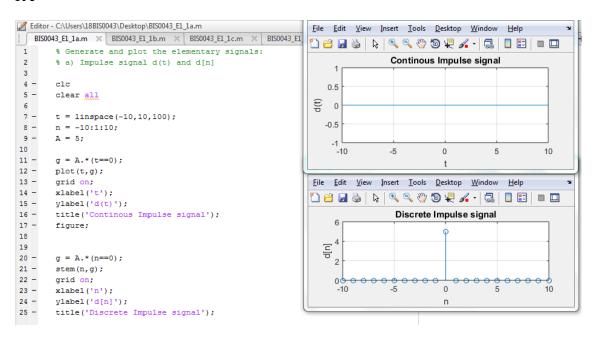
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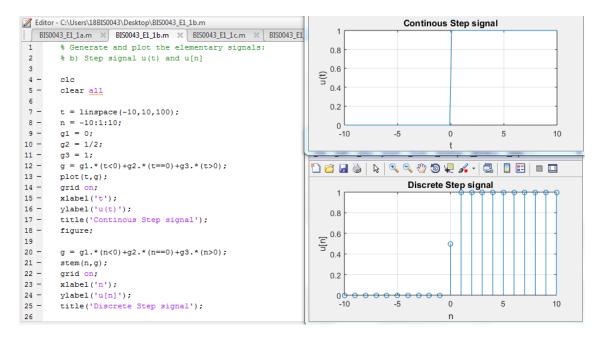
Assignment 1

ECE1018 - ELA

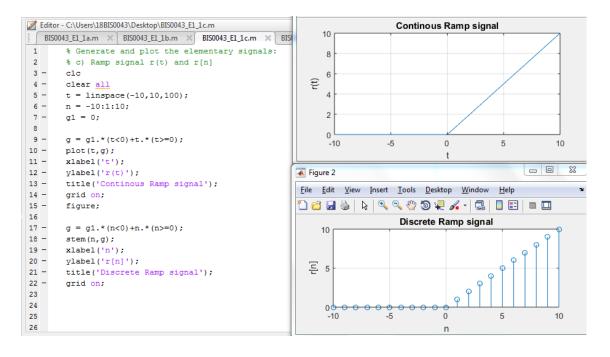
1**A**

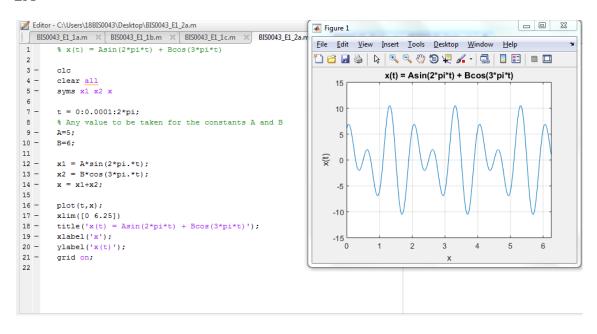


The continuous impulse signal just shows a single point on the value 5, which gets neglected when plotting the graph with a higher number of plotting points.

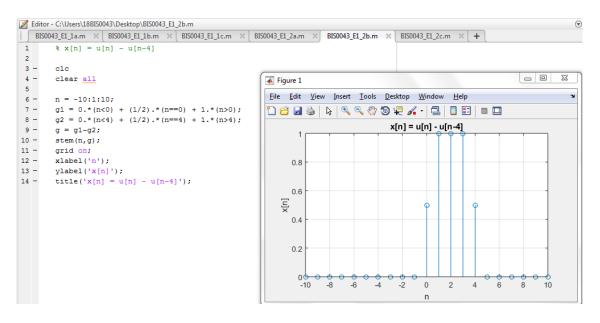


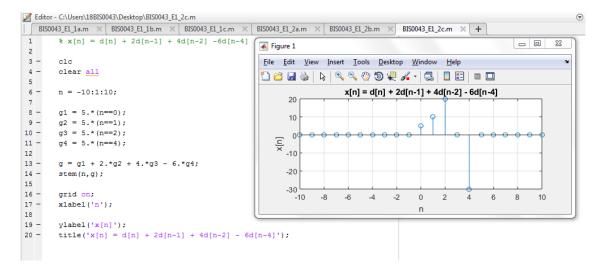
1C





2B





2D

