Startup execution:

 loading initial environment

--> BasebandFrequency=10e3;

--> SamplingFrequency=1e6;

--> BufferLength=200;

--> n=0:(BufferLength-1);

--> BasebandSignal=sin(2*%pi*n/(SamplingFrequency/BasebandFrequency));

--> plot(n,BasebandSignal)