clear all;close all;

fm=1000;

t\_step=1/(1000\*fm);

t\_step\_one=1/(5\*fm);

t=t\_step:t\_step:1/fm;

t1=t\_step\_one:t\_step\_one:1/fm;

v=sin(2\*pi\*fm.\*t);

v1=sin(2\*pi\*fm.\*t1);

subplot(3,1,1);

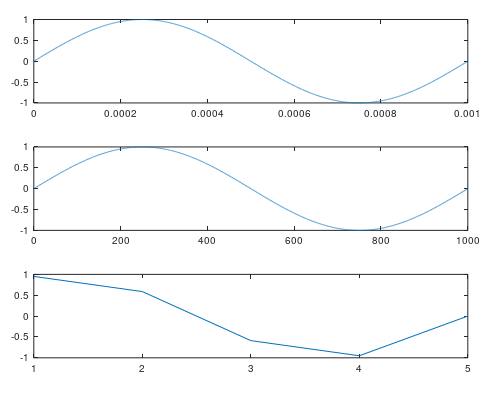
plot(t,v);

subplot(3,1,2);

plot(v);

subplot(3,1,3);

plot(v1);



clear all;close all;

fm=10^3;

t\_step=1/(10^3\*fm);

t=t\_step:t\_step:1/fm;

v=sin(2\*pi\*fm\*t);

sample\_rate=20;

fs=sample\_rate\*fm;

pw=20;

size\_vv=size(v,2);

p=[];

for i=1:1:round(fs/fm)

p=[p zeros(1,round(size\_vv/sample\_rate)-round(pw)) ones(1,round(pw))];

endfor

vp=v.\*p;

subplot(3,1,1);

plot(t,v);

subplot(3,1,2);

plot(t,p);

subplot(3,1,3);

plot(t,vp);