Clase 1

%--DATOS--

A=3; %Voltaje::Volts(v)

f=100000000; %Frecuencia::Hertz(hz)

thetha=0; %fase:: radians(rad)

phi\_1=0;

phi\_2=pi/2;

phi\_3=pi;

phi\_4=3\*pi/2;

%--PROCESOS--

t=linspace(0,1/f);

% xt\_1=A\*sin(2\*pi\*f\*t + phi\_1);

xt\_2=A\*sin(2\*pi\*f\*t + phi\_2);

xt\_3=A\*sin(2\*pi\*f\*t + phi\_3);

xt\_4=A\*sin(2\*pi\*f\*t + phi\_4);

%--RESULTADOS--

figure(1)

subplot(2,2,1),plot(t,xt\_1), title('sen'), grid on

subplot(2,2,2),plot(t,xt\_2), title('cos'), grid on

subplot(2,2,3),plot(t,xt\_3), title('-sen'), grid on

subplot(2,2,4),plot(t,xt\_4), title('-cos'), grid on