PROBLEM:

Suppose that MATLAB is used to plot a sinusoidal signal. The following MATLAB code generates the signal and makes the plot. Draw a sketch of the plot that will be done by MATLAB.

```
J = sqrt(-1);
dt = 1/100;
tt = -1 : dt : 1;
Fo = 2;
xx = 300*real( exp( J*(2*pi*Fo*(tt - 0.75) ) ) );
subplot(2,1,1)
plot( tt, xx ),   grid
title( 'SECTION of a SINUSOID' ), xlabel('TIME   (sec)')
```