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```
clc
close all
clear all
% AMPLITUDE MODULATION
% ID 2017KUCP1009
% Name VIBHOR RAWAL

t=(0:1/1000000:2);
subplot(3,1,1)
m=cos(2*pi*t);
plot(t,m)
title('Message Signal')

subplot(3,1,2)
c=2*sin(2*pi*25*t);
plot(t,c)
title('Carrier Wave')

subplot(3,1,3)
z=2*sin(2*pi*25*t).*cos(2*pi*t);
plot(t,z)
title('Amplitude Modulated Signal')
```

