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```
clc
close all
clear all
%FREQUENCY MODULATED WAVE
%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=cos(2*pi*c.*t);
plot(t,z)
title('Frequency modulated wave')
```

