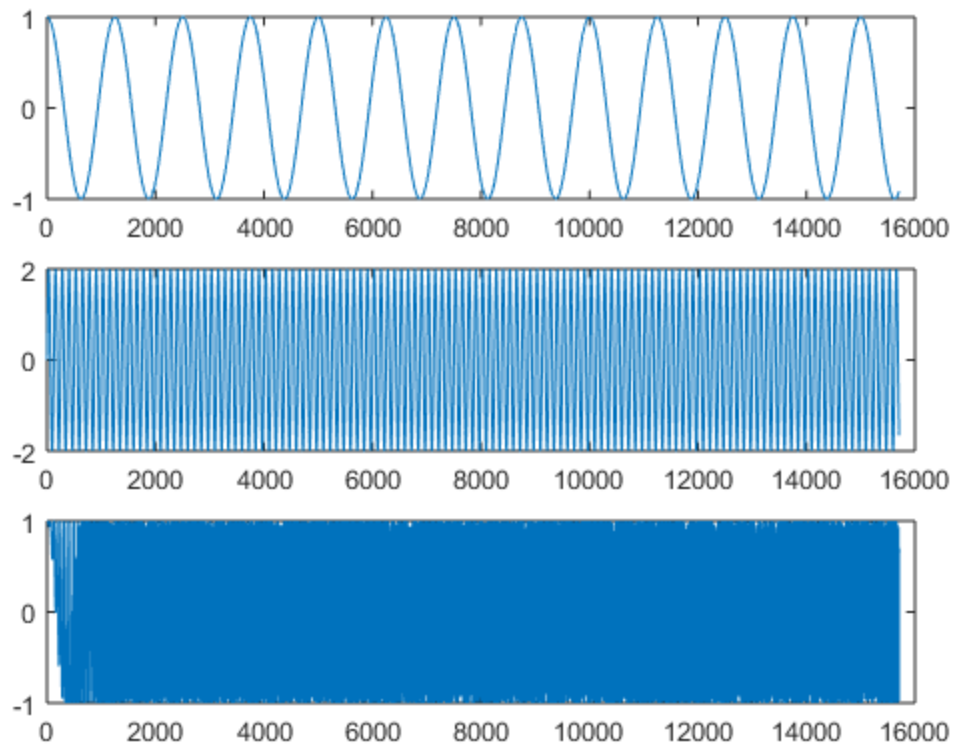


---

```
clc
clear all
close all
% Amplitude Modulation
% 2017KUCP1016
% Name Apurv Jain
t = 0:0.0004:2*pi;
% Modulating Signal
m = cos(2*pi*2*t);
% Carrier Signal
c = 2*sin(2*pi*20*t);
% Modulated Signal
m1 = cos(2*pi*2*t.*(2*sin(2*pi*20*t)));
subplot(3,1,1);
plot(m);
subplot(3,1,2);
plot(c);
subplot(3,1,3);
plot(m1);
```



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