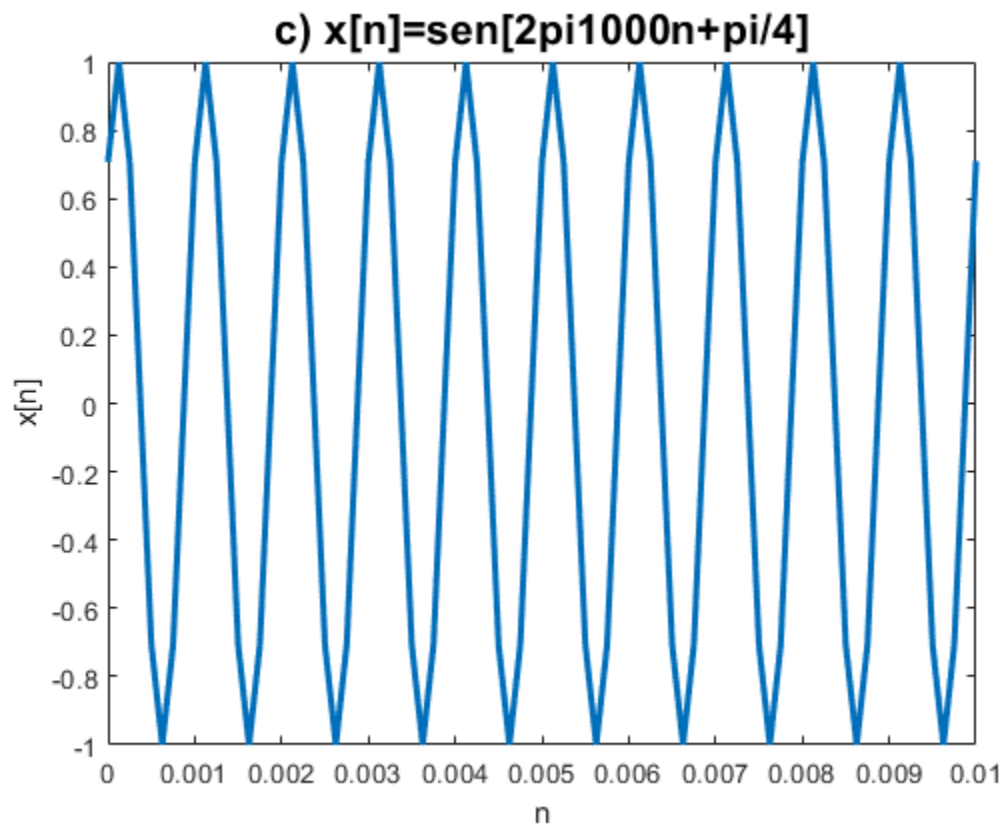

3)

```
fs = 8000;  
dn_a = 1/fs;  
n = 0:dn_a:1;  
Xn_a = sin((2 * pi * 1000) * n + (pi / 4));  
grid on  
axis tight  
plot(n, Xn_a, 'linewidth', 2);  
title('c) x[n]=sen[2pi1000n+pi/4]', 'FontSize', 16);  
xlabel('n');  
ylabel('x[n]');  
xlim([0 0.01])  
sound(Xn_a, fs)
```



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