

## Part B

```
inputsignal=wavread('F:\Coll works\HOMEWORKS\Spring 17\DSP 2\Project 2\sample2_tone.wav');  
%p=input('Enter the Order p'); %say 10  
p=10;  
a=aryule(inputsignal,p); %% Coefficients of the filter found using Yule-walker method  
zz=filter(a,1,inputsignal); %%whitening filter using coefficients  
figure();  
stem(zz);  
title('Autoregeressed signal with Tone');  
ylabel('Amplitude');  
xlabel('time scale');
```

Warning: WAVREAD will be removed in a future release. Use AUDIOREAD instead.



