

```
% Noise removal using gaussian filter

% Read the speech file that contain the noise
[x, fs]= audioread('noisy.wav');
len=length(x);

% Creating Gaussian window of size 20
win = 20;
g = gausswin(win); % Creating Gaussian window of size 20

% signal can be written to the new file
audiowrite('resultant.wav', y, fs);
```