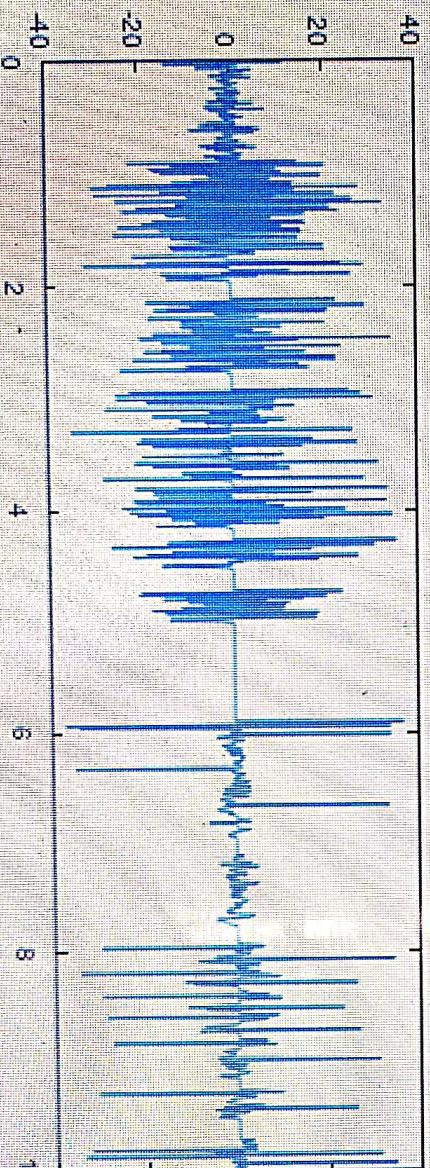
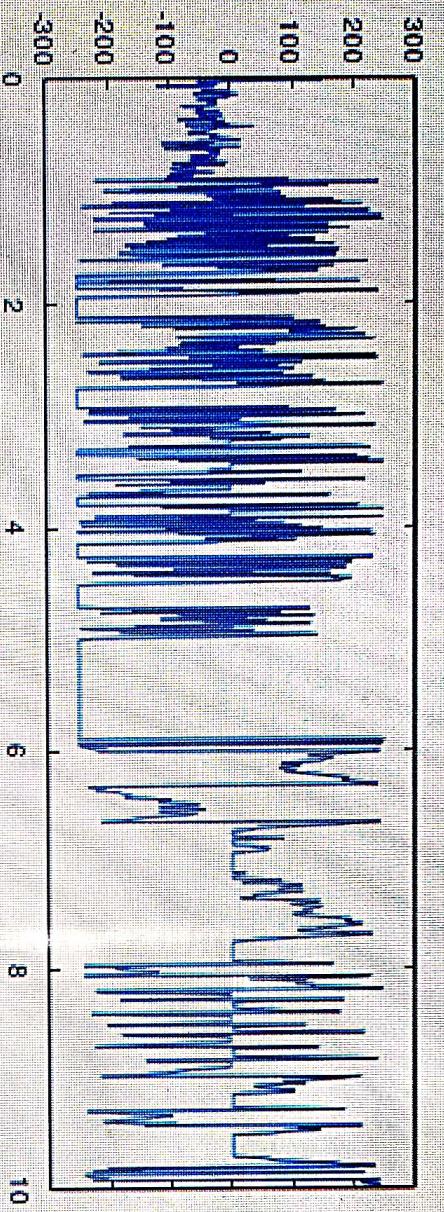


Current Directory: F:\Darsnik_Abhivanta



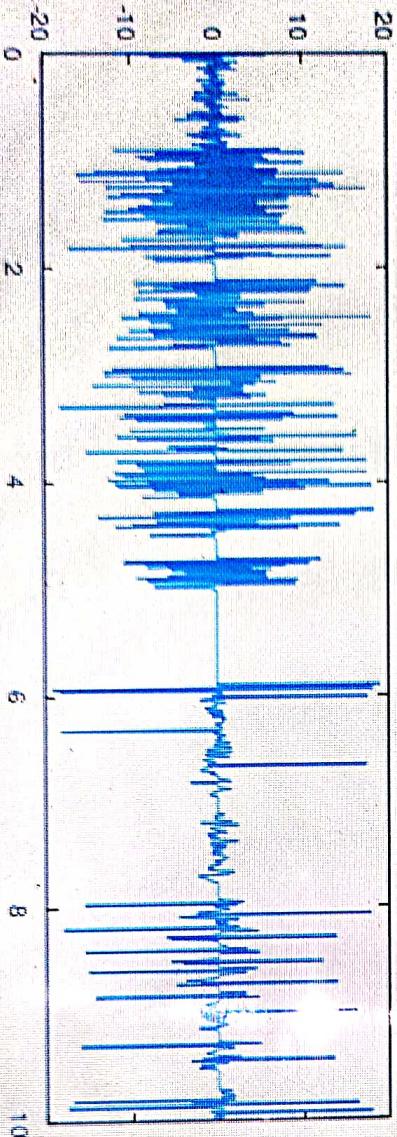
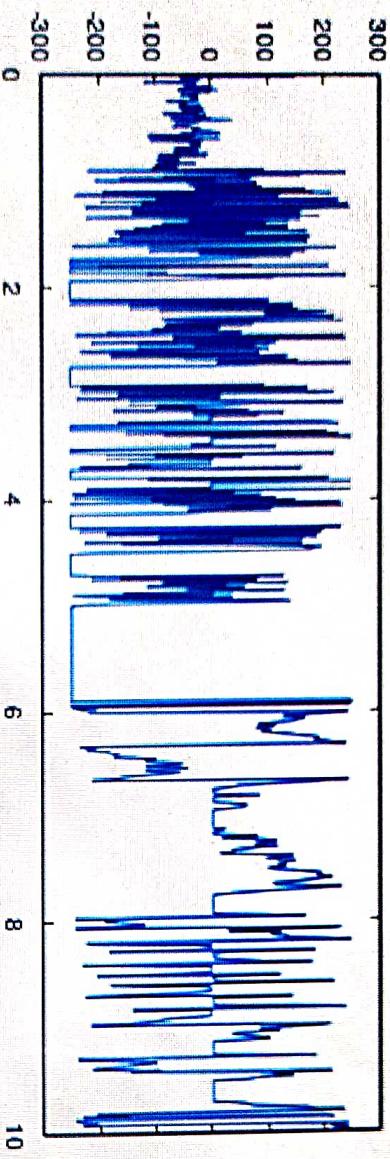
```
Low_Pass_Filter 27
Low_Pass_Filter 28
Low_Pass_Filter <
```

Figure 1

File Edit Tools



Run Help



(9,8894,235,44)

```

2*pi*fc) ;
RC / (RC+0.01);
signal
00/65535;

((length(res4)))
4(i)<0
(i)=-250+(-res4(i)*0.0076);

4(i)>0
(i)=250-(res4(i)*0.0076);
endif
endfor

```

Low_Pass_Filter	27
Low_Pass_Filter	28
Low_Pass_Filter	
Low_Pass_Filter	

```

line: 15 col: 10 encoding: SYSTEM (CP1252) eol: CRLF

```

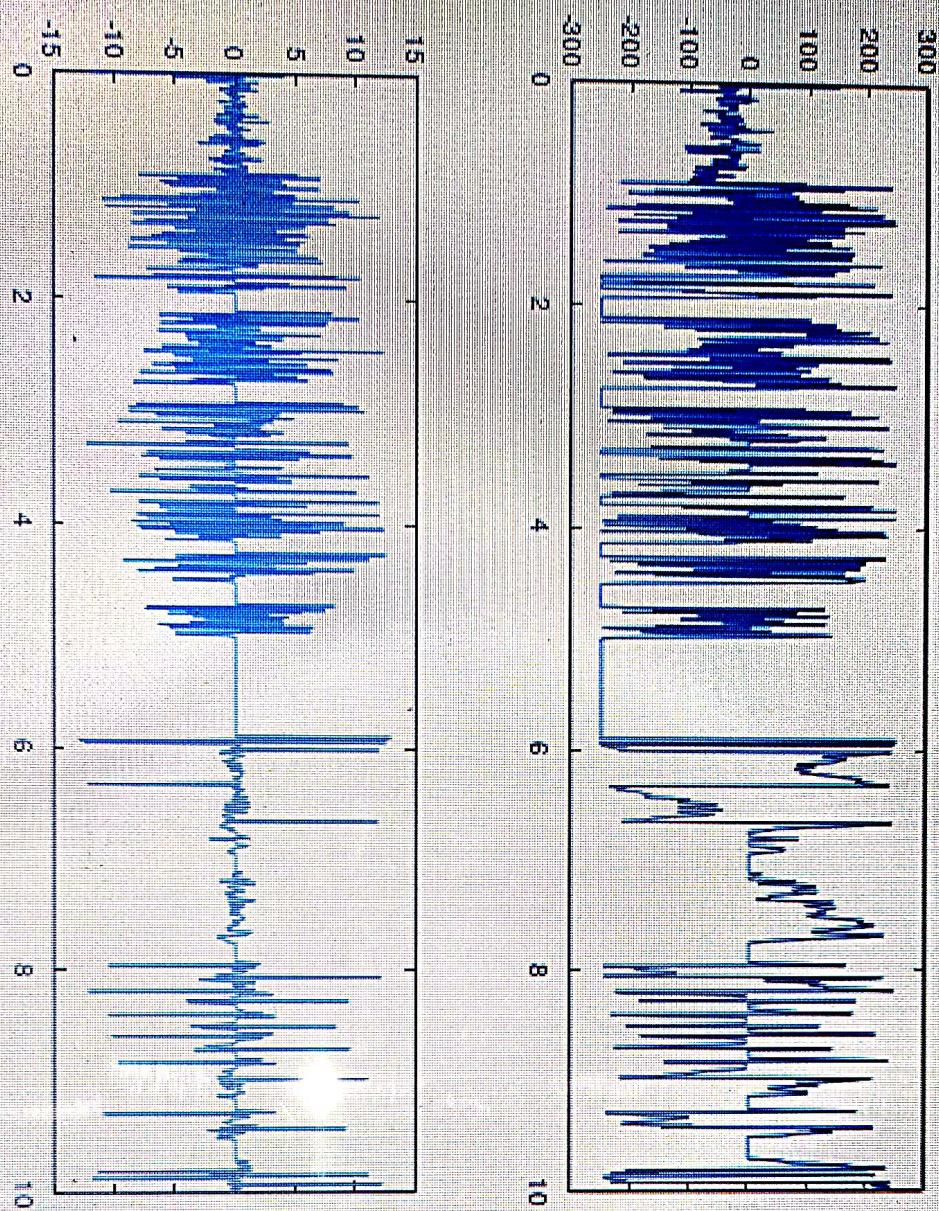
Command Window

Documentation

Variable Editor

Editor

Figure 1



File Directory: F:\Darsnik_Abhiyanta

```
File View Debug Run Help
- High Pass Filter.m
Pass_Filter.m
G_ZOUT_H = ReadXcel(:, 11);
G_ZOUT_L = ReadXcel(:, 12);

res4 = double(typecast(uint8(G_ZOUT_H), 'double'));
res5 = double(typecast(uint8(G_ZOUT_L), 'double'));
res6 = double(typecast(uint8(G_ZOUT_H), 'double'));

fc = 600;
RC = 1/(2*pi*fc);
alpha = RC / (RC+0.01);
pkg load signal

Part = 500/65535;

for i=1:(length(res4))
    if res4(i)<0
        gyrl(i)=-250+(-res4(i)*0.0076)
    endif
    if res4(i)>0
        gyrl(i)=250-(res4(i)*0.0076)
    endif
endfor
```