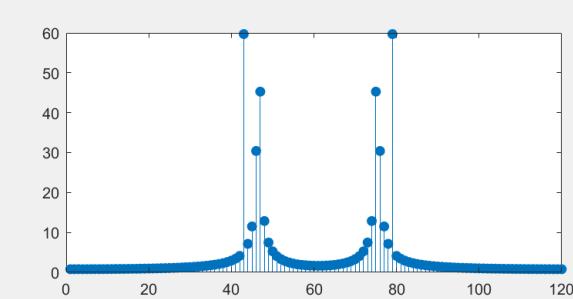
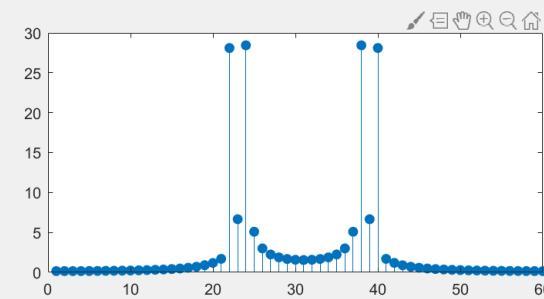
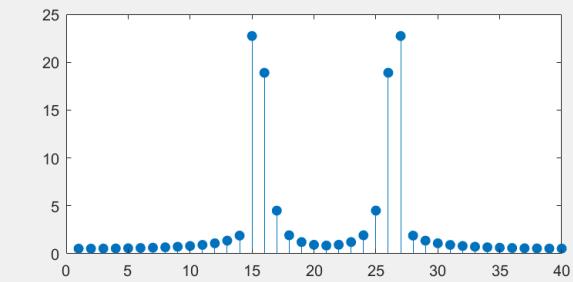
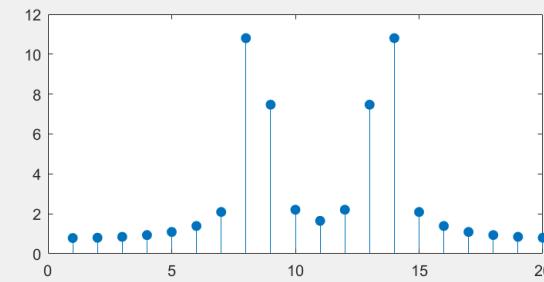


Figure 1
파일(F) 편집(E) 보기(V) 삽입(I) 툴(T) 데스크탑(D) 창(W) 도움말(H)

```
편집기 - C:\Users\Walfor\Desktop\W\WHA\W2학년 2학기\W\의용신호처리\Wassignment4_1.m
assignment4_1.m assignment4_2.m assignment4_4.m +
```

```

1 - clear all;
2 -
3 - n20 = 0:19;
4 - n40 = 0:39;
5 - n60 = 0:59;
6 - n120 = 0:119;
7 -
8 - x20 = cos(0.24*pi*n20)+cos(0.3*pi*n20);
9 - x40 = cos(0.24*pi*n40)+cos(0.3*pi*n40);
10 - x60 = cos(0.24*pi*n60)+cos(0.3*pi*n60);
11 - x120 = cos(0.24*pi*n120)+cos(0.3*pi*n120);
12 -
13 - x20_z1024=zeros(1,1024); x20_z1024(1:20)=x20;
14 - x40_z1024=zeros(1,1024); x40_z1024(1:40)=x40;
15 - x60_z1024=zeros(1,1024); x60_z1024(1:60)=x60;
16 - x120_z1024=zeros(1,1024); x120_z1024(1:120)=x120;
17 -
18 - k20 = fftshift(fft(x20));
19 - k40 = fftshift(fft(x40));
20 - k60 = fftshift(fft(x60));
21 - k120 = fftshift(fft(x120));
22 -
23 - k20_z1024 = fftshift(fft(x20_z1024));
24 - k40_z1024 = fftshift(fft(x40_z1024));
25 - k60_z1024 = fftshift(fft(x60_z1024));
26 - k120_z1024 = fftshift(fft(x120_z1024));
27 -
28 - figure;
29 - subplot(2,2,1); stem(abs(k20), 'filled');
30 - subplot(2,2,2); stem(abs(k40), 'filled');
31 - subplot(2,2,3); stem(abs(k60), 'filled');
32 - subplot(2,2,4); stem(abs(k120), 'filled');
33 -
34 - figure;
35 - subplot(2,2,1); stem(abs(k20_z1024), 'filled');
36 - subplot(2,2,2); stem(abs(k40_z1024), 'filled');
37 - subplot(2,2,3); stem(abs(k60_z1024), 'filled');
38 - subplot(2,2,4); stem(abs(k120_z1024), 'filled');
```



파일(F) 편집(E) 보기(V) 삽입(I) 툴(T) 데스크탑(D) 창(W) 도움말(H)

