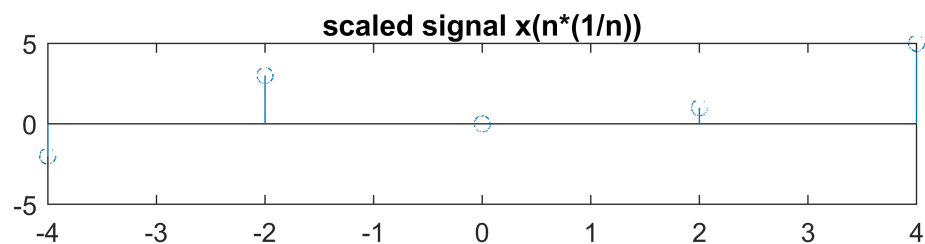
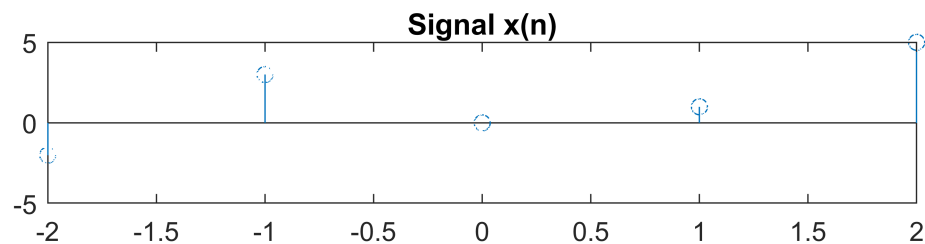


```

%time scaling
n1=input('enter the amount to be scaled');
n=-2:2;
x=[-2 3 0 1 5];
subplot(3,1,1);
stem(n,x);
title('Signal x(n)');
t=n*(1/n1);
z=x;
subplot(3,1,3);
stem(t,z);
title('scaled signal x(n*(1/n))');

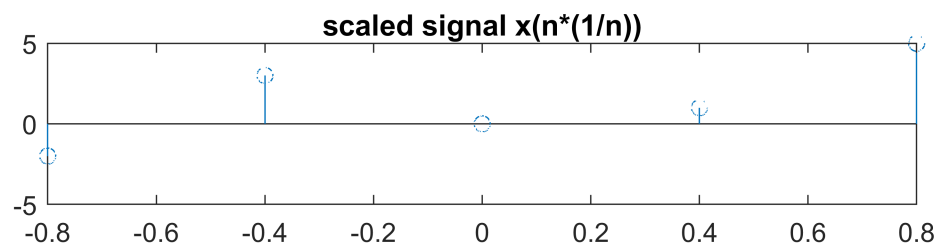
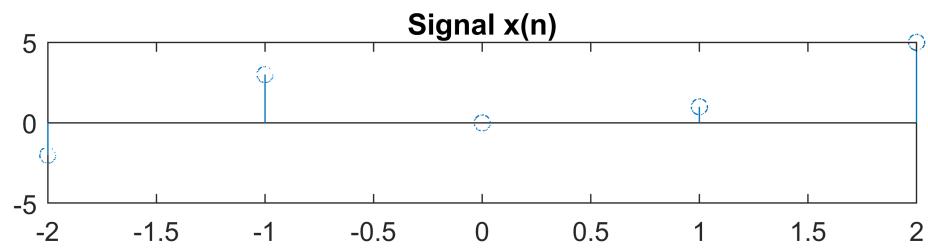
```



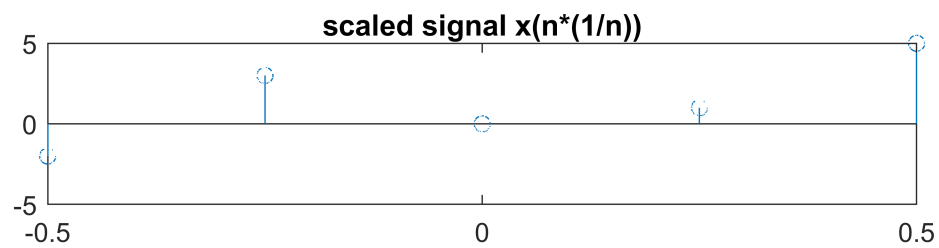
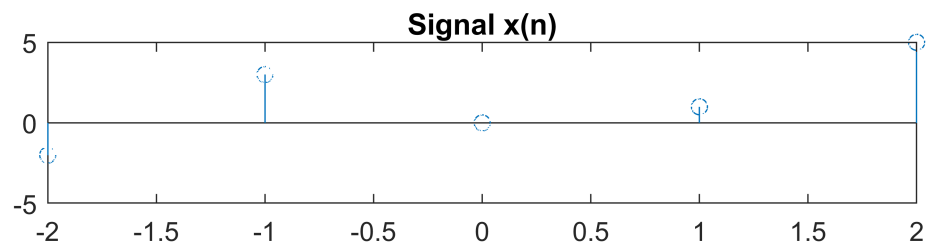
```

%time scaling
n1=input('enter the amount to be scaled');
n=-2:2;
x=[-2 3 0 1 5];
stem(n,x);
title('Signal x(n)');
t=n*(1/n1);
z=x;
subplot(3,1,3);
stem(t,z);
title('scaled signal x(n*(1/n))');

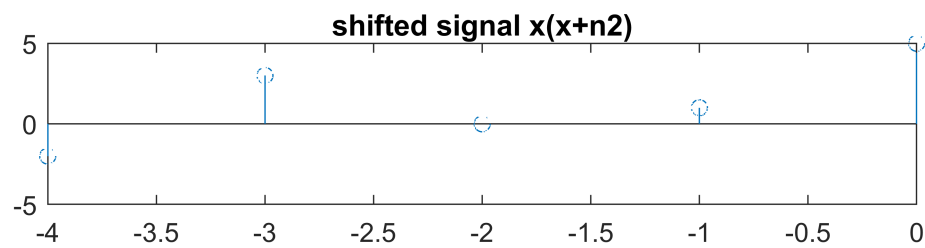
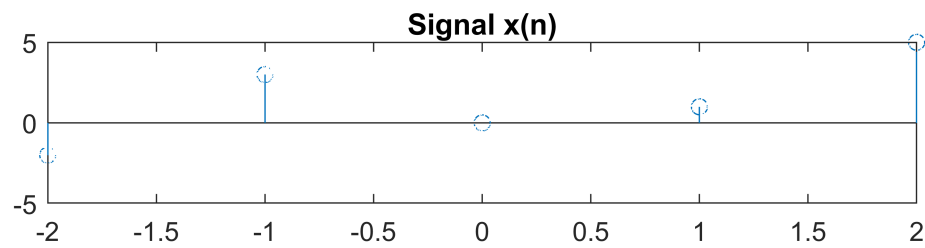
```



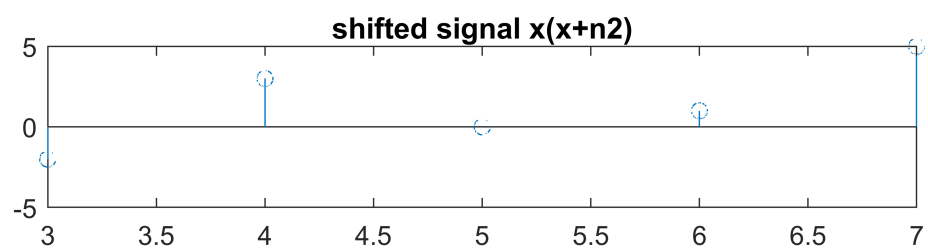
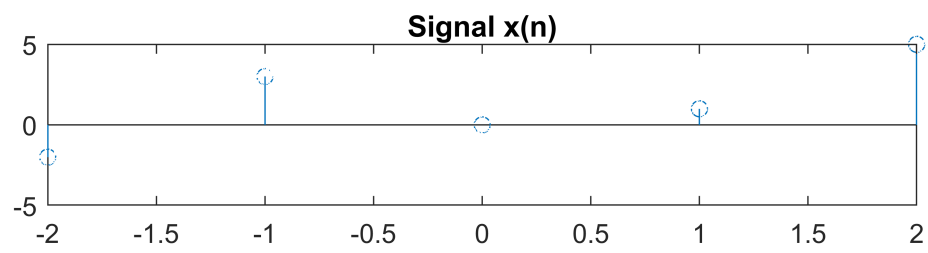
```
%time scaling
n1=input('enter the amount to be scaled');
n=-2:2;
x=[-2 3 0 1 5];
subplot(3,1,1);
stem(n,x);
title('Signal x(n)');
t=n*(1/n1);
z=x;
subplot(3,1,3);
stem(t,z);
title('scaled signal x(n*(1/n))');
```



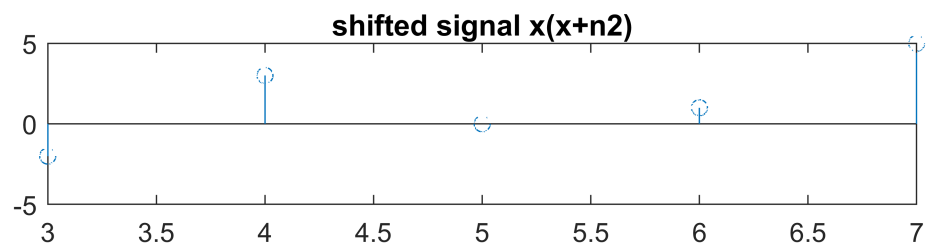
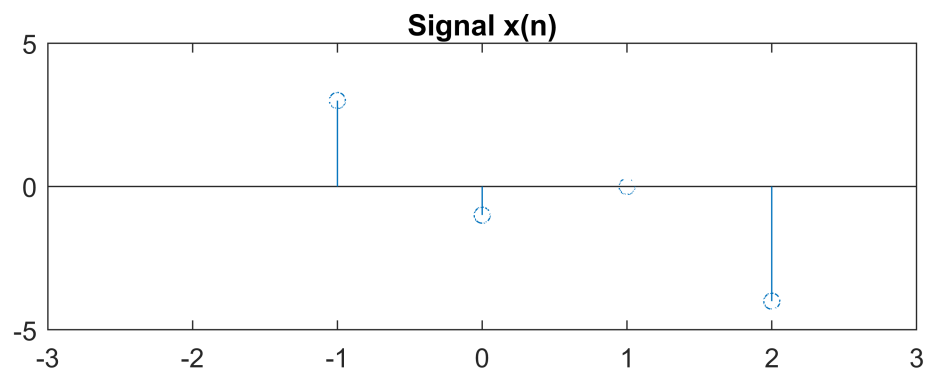
```
%time shift
n2=input('enter the amount to be shifted');
n=-2:2;
x=[-2 3 0 1 5];
subplot(3,1,1);
stem(n,x);
title('Signal x(n)');
t=n-n2;
z=x;
subplot(3,1,3);
stem(t,z);
title('shifted signal x(x+n2)');
```



```
%time shift
n2=input('enter the amount to be shifted');
n=-2:2;
x=[-2 3 0 1 5];
subplot(3,1,1);
stem(n,x);
title('Signal x(n)');
t=n-n2;
z=x;
subplot(3,1,3);
stem(t,z);
title('shifted signal x(x+n2)');
```



```
n=-1:2;
x=[3 -1 0 -4];
subplot(2,1,1)
stem(n,x);
axis([-3 3 -5 5]);
title('Signal x(n)');
```



```
c=fliplr(x);
y=fliplr(-n);
subplot(2,1,2);
stem(y,c);
axis([-3 3 -5 5]);
title('Reversed Signal x(-n)' ) ;
```

