

```
close all; clc;
y=input("enter the input sequence:");
N=length(y);
x=zeros(1,N);
j=sqrt(-1);
for n=1:N
    for k=1:N
        x(n)=x(n)+((1/N)*y(k)*(exp(j*2*pi*(k-1)*(n-1)/N)));
    end
end
q=real(x);
fprintf("the N point idft x(n) is:");
disp(q)
figure,
stem(q),title('IDFT Signal'),xlabel('n'),ylabel('x[n]' );
```

Error using input
Cannot call INPUT from EVALC.

Error in idft (line 2)
y=input("enter the input sequence:");

