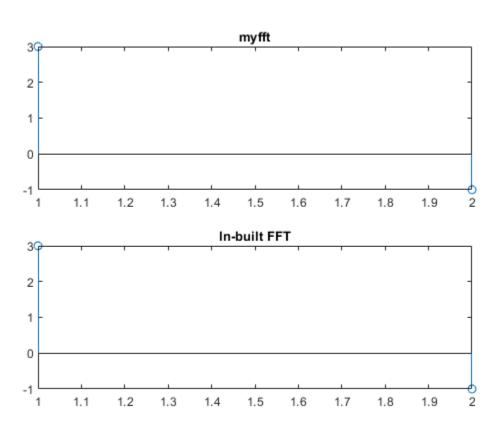
```
clc;
clear all;
close all;
x = [1,2];
N = length(x);
w2 = \exp(-1j*2*pi/N);
X = zeros(1,N);
X(1) = x(1) + x(2);
X(2) = x(1)-x(2);
Y = fft(x);
subplot(2,1,1);
stem(X);
title("myfft");
subplot(2,1,2);
stem(Y);
title("In-built FFT");
```



Published with MATLAB® R2022b