

```

nx1=0:1000;
x1=[1 zeros(1,1000)];
B1=[1 zeros(1,999) 0.5];
he=filter(B1,1,x1);
subplot(2,1,1),plot(nx1,he);legend('output he');
subplot(2,1,2),stem(nx1,he);legend('output he')

```

