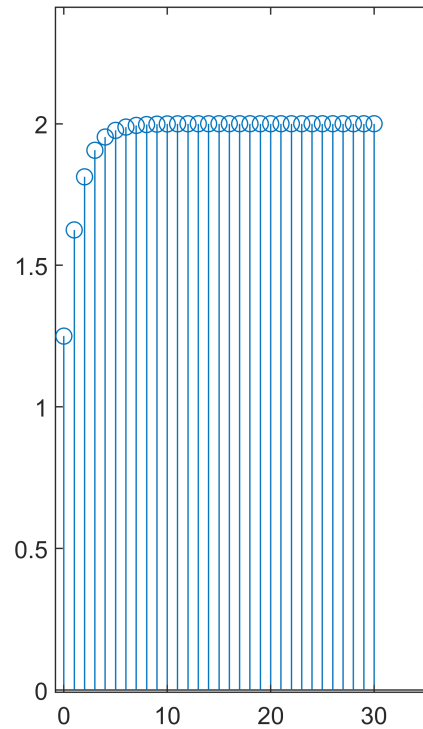
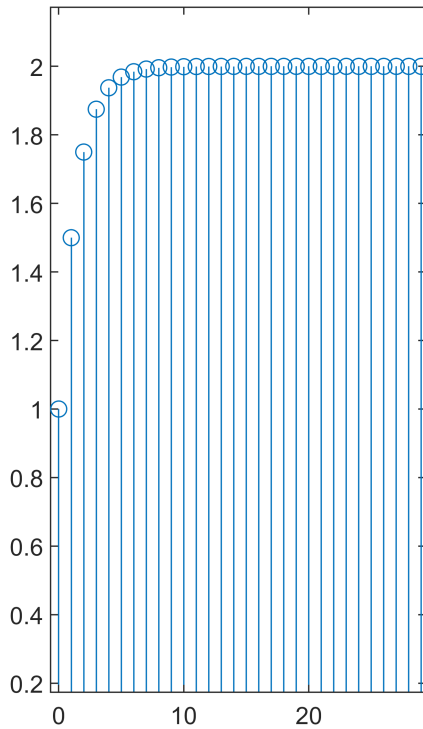


```

n=0:30;
x=ones(1,31);
y1=diffeqn(1/2,x,0);
y2=diffeqn(1/2,x,1/2);
subplot(1,2,1),stem(n,y1)
subplot(1,2,2),stem(n,y2)

```



%How do they differ  
 %当  $n < 17$  时,  $y_1$  增长的比  $y_2$  慢 ; 当  $n \geq 17$  时,  $y_1 = y_2$