clc;

clear all;

close all;

n = input('enter the length of the step sequence');

n1 = input('enter the length of ramp sequence');

n2 = input('enter the value of exponentional sequence');

a = input('enter the value')'

t = -2:1:2;

y =[zeros(1,2),ones(1,1),zeros(1,2)];

subplot(2,2,1);

stem(t,y);

xlabel('a(n) impulse sequence');

ylabel('amplitude');

% step gentertion

t = 0:n-1;

y1 = ones(1,n);

subplot(2,2,2);

stem(t,y1);

xlabel('b(n)----> step sequence');

ylabel('amplitude------>');

% ramp generation

t = 0:n1;

subplot(2,2,3);

stem(t,t);

xlabel('c(n)----> ramp sequence');

ylabel('amplitude ----->');

%exponentation

t = 0:1:n2;

e = exp(t);

subplot(2,2,4);

stem(t,e);

xlabel('d(n)----> exp sequence ');

ylabel('amplitude---->');

