```
%% Time Response of Second order system
z=[];
p=[-10+30i -10-30i];
k=1000;
G=zpk(z,p,k)
figure(3);
step(G)
%% Addition of zero at -1
z = [-1];
p=[-10+30i -10-30i];
k=1000;
G=zpk(z,p,k)
figure (4);
step(G)
%% Addition of zero at -10
z = [-10];
p=[-10+30i -10-30i];
k=1000;
G=zpk(z,p,k)
figure (5);
step(G)
%% Addition of zero at -100
z = [-100];
p=[-10+30i -10-30i];
k=1000;
G=zpk(z,p,k)
figure (6);
step(G)
```







