n=20;

a=1000;

b=6000;

m=[];

for z=1:n

m(z)=ceil(a+(b-a)\*rand());

end,

printf("performance\n")

disp(m);

c=6;

d=15;

w=[];

for y=1:n

w(y)=ceil(c+(d-c)\*rand());

end,

printf("\nweight\n")

disp(w);

e=cov(m,w)

f=correl(m,w)

printf("covarience\n")

disp(e)

printf("\ncorrelation\n")

disp(f)

plot(w,m)

