MEAN AND VARIANCE

disp("no. of observation");

n=input('');

disp("Enter the value of x");

for i=1:n

X(1,i)=input("\");

end

disp("Enter no. of frequency");

for j=1:n

F(1,j)=input("\");

end

disp("Mean of the distribution is");

m=sum(F.\*X)/sum(F)

disp(m);

for i=1:n

P(1,i)=sum(F)\*exp(-m)\*m^(X(i))/factorial(X(i));

end

disp("Expected frequencies are");

disp(P);

plot2d(X,P);

LAMBDA

clc

Disp(“mean of the distribution is”)

M=input(‘/‘)

Disp(“enter no. Of observations)

N=input(‘/‘)

Disp(“Enter value of x”)

For i=1:n

X(1,i)=input(‘/‘)

End

Disp(“enter no. Of frequency”)

For j=1:n

F(1,j)=input(‘/‘)

End

For i=1:n

P(1,i)=sum(F)\*exp(-m)\*m^(X(i))/factorial(X(i))

End

Disp(“expected frequencies are”)

Disp(P)

plot2d(X,P)