%% Problem 7

subplot(2,2,1)

X=1:10; Y=geopdf(X,0.5); bar(X,Y,0.8); legend('Geometric Distribution: p=0.5',1)

subplot(2,2,2)

X=0:10; Y=binopdf(X,10,0.6); bar(X,Y,0.8) legend('X \sim b(10,0.6), mode=6',1)

subplot(2,2,3)

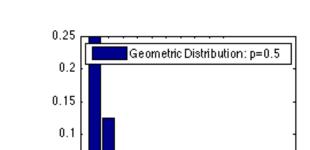
X=0:10; Y=poisspdf(X,4); bar(X,Y,0.8)

legend('Poisson Distribution: \lambda =4',1)

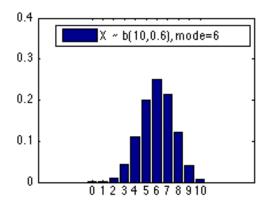
subplot(2,2,4)

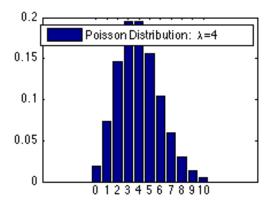
0.05

X=0:11; Y=binopdf(X,11,0.5); bar(X,Y,0.8) legend('X \sim b(11,0.5), mode=5,6',2)



1 2 3 4 5 6





7 8 9 10

