```
clc;
disp("Abhinav Chuadhary EEE 54")
mean = input("Enter Mean: ");
sigma = input("Enter Sigma: ");
lambda = input("Enter lambda: ");

x = linspace(-10, 10, 100);
normal = (1/(sigma*sqrt(2 * %pi)))*exp(-0.5*((x-mean)/sigma).^2);
exponential = lambda * exp(-lambda*x);

clf;
subplot(2, 1, 1);
plot(x, normal, '-v');
xlabel('x');
ylabel('Probability Density');
title('Normal Distribution');

x = linspace(0, 10, 100);
subplot(2, 1, 2);
plot(x, exponential, '-b');
xlabel('x');
ylabel('Probability Density');
title('Exponential Distribution');
```