# Case 1:

m = 0;

sd = 1;

x = -6:0.1:6;

y = normpdf(x, m, sd);

figure(1)

subplot(2, 3, 1);

plot(x, y);

axis([-6 6 0 0.5]);

title('CASE-1, mean=0, sd=1');

xlabel('x values --->');

ylabel('pdf --->');

grid on;

# Case 2:

m = -1;

sd = 1;

x = -6:0.1:6;

y = normpdf(x, m, sd);

figure(1)

subplot(2, 3, 2);

plot(x, y);

axis([-6 6 0 0.5]);

title('CASE-2, mean=-1, sd=1');

xlabel('x values --->');

ylabel('pdf --->');

grid on;

# Case 3:

m = 1;

sd = 1;

x = -6:0.1:6;

y = normpdf(x, m, sd);

figure(1)

subplot(2, 3, 3);

plot(x, y);

axis([-6 6 0 0.5]);

title('CASE-3, mean=1, sd=1');

xlabel('x values --->');

ylabel('pdf --->');

grid on;

