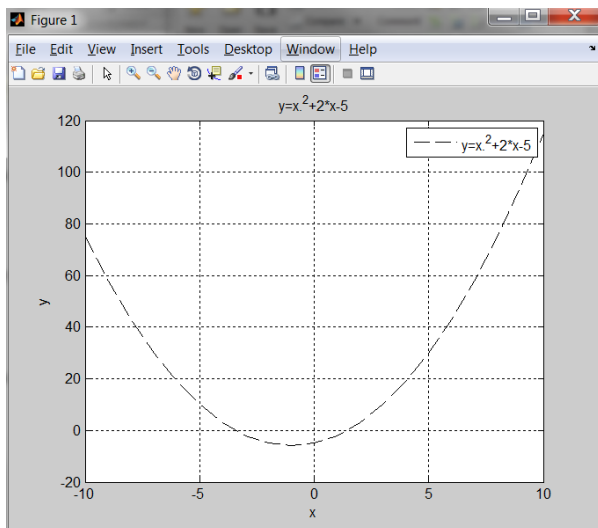
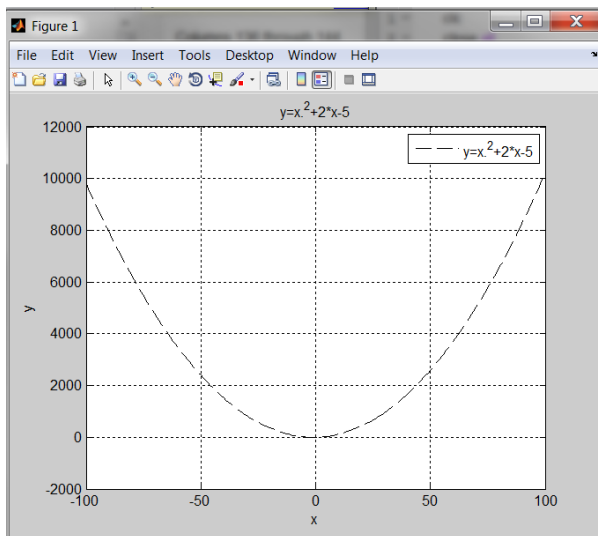


Function:

$$f(x)=x^2+2x-5$$

Graphics



MATLAB CODE

```
clc
close all
clear all
x=-10:10;
y=x.^2+2*x-5;
plot(x,y,'--k')
grid on
xlabel('x');
ylabel('y');
legend('y=x.^2+2*x-5');
title('y=x.^2+2*x-5');
[x1, y] = fzero('x.^2+2*x-5',-5)
[x2, y] = fzero('x.^2+2*x-5',0)
```

x1 = -3.4495 x2 = 1.4495 is roots