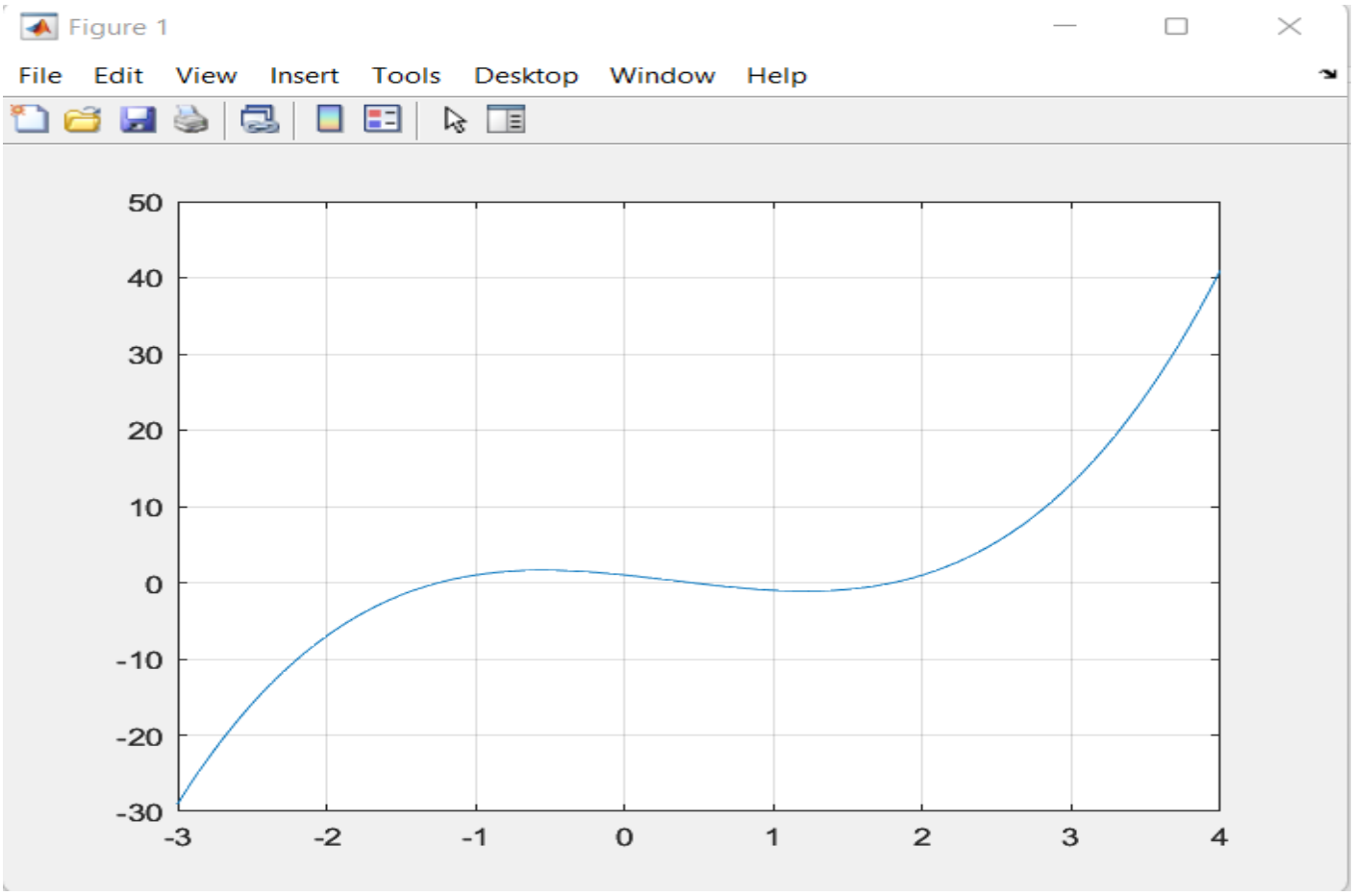
Figure 1
File Edit View Insert Tools Desktop Window Help
50
40
30
20
10
0
-10
-20
-30
-3 -2 -1 0 1 2 3 4

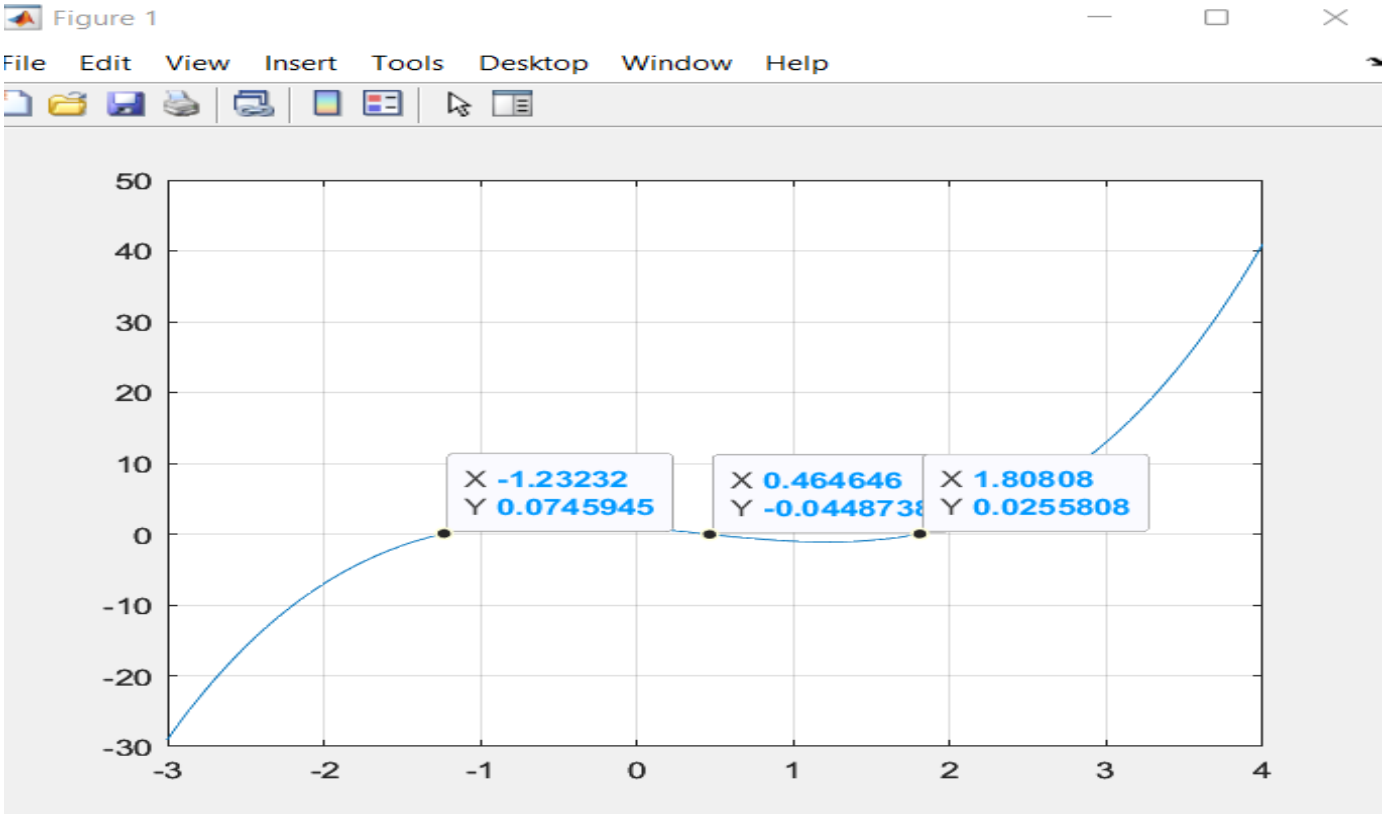
Figure 1
File Edit View Insert Tools Desktop Window Help
50
40
30
20
10
0
-10
-20
-30
-3 -2 -1 0 1 2 3 4
X -1.23232
Y 0.0745945
X 0.464646
Y -0.044873
X 1.80808
Y 0.0255808

Editor - C:\Users\ivani\OneDrive\Documents\MATLAB\ass1.m

ass1.m

```
% x3-x2-2x+1
  myf=@(x)x.*x.*x - x.*x - 2*x + 1;
  graphical(myf,-3,4)

  % -1.23232
  % 0.464646
  % 1.80808


  % newton(myf,dfh,x0)
  myf=@(x)x.*x.*x - x.*x - 2*x + 1;
  mydf=@(x)3*x.*x - 2*x - 2;
  newton(myf,mydf,-1.23232)

  myf=@(x)x.*x.*x - x.*x - 2*x + 1;
  mydf=@(x)3*x.*x - 2*x - 2;
  newton(myf,mydf,0.464646)

  myf=@(x)x.*x.*x - x.*x - 2*x + 1;
  mydf=@(x)3*x.*x - 2*x - 2;
  newton(myf,mydf,1.80808)

  % -1.2470
  % 0.4450
  % 1.8019
```

Command Window

New to MATLAB? See resources for Getting Started.

```
>> ass1

ans =

   -1.2470


ans =

    0.4450


ans =

    1.8019

fx >>
```