Startup execution:

loading initial environment

--> x=0.0:0.5:7.5

x =

column 1 to 15

0. 0.5 1. 1.5 2. 2.5 3. 3.5 4. 4.5 5. 5.5 6. 6.5 7.

column 16

7.5

--> x=x'

x =

0.

0.5

1.

1.5

2.

2.5

3.

3.5

4.

4.5

5.

5.5

6.

6.5

7.

7.5

--> y=[228;285;301;316;327;336;346;356;369;390;449;704;720;726;737;770]

y =

228.

285.

301.

316.

327.

336.

346.

356.

369.

390.

449.

704.

720.

726.

737.

770.

--> dydx=diff(y(:))./diff(x(:))

dydx =

114.

32.

30.

22.

18.

20.

20.

26.

42.

118.

510.

32.

12.

22.

66.

--> dydx(N)=dydx(N-1)

Undefined variable: N

--> N=length(x)

N =

16.

--> dydx(N)=dydx(N-1)

dydx =

114.

32.

30.

22.

18.

20.

20.

26.

42.

118.

510.

32.

12.

22.

66.

66.

--> x1=x+grid size

x1=x+grid size

^~~~^

Error: syntax error, unexpected identifier, expecting end of file

--> x1=x+gridsize

Undefined variable: gridsize

--> x1=x+0.5

x1 =

0.5

1.

1.5

2.

2.5

3.

3.5

4.

4.5

5.

5.5

6.

6.5

7.

7.5

8.

--> plot(x1,dydx)

--> xlable('volume of K2Cr2o7')

Undefined variable: xlable

--> xlabel('volume of K2Cr2o7')

--> ylabel('$\frac{$\Delta$E}{$\Delta$V}')

--> ylabel('$\frac{$\Delta$E}{$\Delta$V}$')

"Environment saved."

--> load('C:\scilab\experiment\_2.sav')

ans =

T