>> x=[1 2 3 4]

x =

1 2 3 4

>> y=[0 3 3 6]

y =

0 3 3 6

>> plot(x,y)

>> plot(x,y,'ro-')

>> x1=-4:4

x1 =

-4 -3 -2 -1 0 1 2 3 4

>> y1=x1^2

Error using ^

Inputs must be a scalar and a square matrix.

To compute elementwise POWER, use POWER (.^) instead.

>> y1=x1.^2

y1 =

16 9 4 1 0 1 4 9 16

>> plot(x1,y1)

>> x2=-4:0.1:4;

>> y2=x2.^2;

>> plot(x2,y2)

>> plot(x2,y2)

>> y3=sin(x2);

>> plot(x2,y3)

>> plot(x,y,x1,y1,x2,y3)

>> plot(x,y)

>> hold on

>> plot(x2,y3)

>> plot(x2,y2)

>> hold off

>> plot(x1,y1)

>> plot(x1,y1)

>> plot(x1,y1)

>> plot(x2,y2)

>> plot(x2,y2,'r')

>> plot(x2,y2,'k')

>> plot(x2,y2,'g')

>> plot(x2,y2,'m')

>> plot(x2,y2,'c')

>> plot(x2,y2,'-')

>> plot(x2,y2,'--')

>> plot(x2,y2,':')

>> plot(x2,y2,'-.')

>> plot(x2,y2,'.')

>> plot(x2,y2,'o')

>> plot(x2,y2,'p')

>> plot(x2,y2,'d')

>> plot(x2,y2,'s')

>> plot(x2,y2,'sr')

>> plot(x2,y2,':g')

>> plot(x2,y2,'-m\*')

>> plot(x2,y2,'-m\*',x2,y3,'r:')

>> plot(0,0,'p')

>> axis([-2 3 .5 5])

>> axis([-2 3 -.5 5])

>> plot(0,0,'p')

>> plot(0,0,'p','markersize',70)

>> plot(0,0,'p','markersize',70,'markerfacecolor',m)

Undefined function or variable 'm'.

>> plot(0,0,'p','markersize',70,'markerfacecolor','m')

>> plot(0,0,'p','markersize',70,'markerfacecolor','m','markersize',2)

>> plot(0,0,'p','markersize',70,'markerfacecolor','m','markerbodersize',2)

Error using plot

Invalid property found.

Object Name : line

Property Name : 'markerbodersize'.

>> plot(0,0,'p','markersize',70,'markerfacecolor','m','markerwidth',2)

Error using plot

Invalid property found.

Object Name : line

Property Name : 'markerwidth'.

>> plot(0,0,'p','markersize',70,'markerfacecolor','m','linewidth',2)

>> plot(0,0,'p','markersize',70,'markerfacecolor','m','linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor','m','linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[1 0 0],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[0 1 0],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[0 0 1],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[.5 .1 .8],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[.3 .1 .6],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[.3 .9 .6],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[1 .3 .1],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[1 .7 .1],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[.7 .7 .1],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[.7 .7 0],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[1 .7 0],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[1 1 0],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[1 1 .5],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[.1 1 .5],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[.1 1 1],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[.5 .5 0],'linewidth',4)

>> plot(0,0,'p','markersize',100,'markerfacecolor',[.7 .5 0],'linewidth',4)

>> plot(x1,y1,x2,y3)

>> plot(x1,y1,'-o',x2,y3,'m:')

>> xlabel('speed m/s')

>> ylabel('a m/s2')

>> ylabel('a m/s^2')

>> title('ahrar bio')

>> legend('sample1','bio')

>> plot(x1,y1,'-o',x2,y3,'m:')

>> figure

>> plot(x1,y1,x2,y3)

>> plot(x1,y1,x2,y3)

>> figure

>> plot(x1,y1,'-o',x2,y3,'m:')

>> figure

>> plot(0,0,'p','markersize',100,'markerfacecolor',[.7 .5 0],'linewidth',4)

>> y4=sin(x2)+x2;

>> plot(x2,y4)

>> y4=sin(4\*x2)+x2;

>> plot(x2,y4)

>>