No print different from Python, right?

X = 1 + 2 enter

X = 3

X enter

X = 3

X or y can be a variable or function.

clear enter

clear all the defined variables in workspace

clear x enter

just clear x

clc

can use up-arrow to modify

EG1:

>> moon\_to\_earth\_km = 3844e5

moon\_to\_earth\_km =

384400000

>> speed\_kps = 300000

speed\_kps =

300000

>> moon\_to\_earth\_sec = moon\_to\_earth\_km/speed\_kps

moon\_to\_earth\_sec =

1.2813e+03

>>

Save enter

Load enter

× 45x #x \_x 不能这么命名

; 只在workspace中记住而不present

, 会present

… 写不下 = python 中的,

Syntax : (form)

× 1 =x

Semantics: (meaning)

× x =42 ,y = 78

X = y

Y =x enter

X = y = 78

√ X = 42 , y= 78

Temp = x

X = y

Y = Temp enter

X = 78, y = 42

Format loose 空行

Format compact 消除空行

Format long 无限小数位数增多

Format short 回到5个

2D作图

x\_coordinates = [1,3,10];

y\_coordinates = [2,-4.2,12.3];

plot(x\_coordinates,y\_coordinates);

length(x\_coordinates)

ans = 3

plot(x\_coordinates,y\_coordinates,'\*') 描星星点

‘ ‘ 内的是string

plot(x\_coordinates,y\_coordinates,'rs') 红色矩形

>> grid on

>> xlabel('selection') X轴标题是selection

>> title('This is my first matlab') 标题是title

>> axis([0,12,-10,20]) X轴范围是0~12 Y轴范围是-10~20

Bar(x\_coordinates,y\_coordinates) 柱状图

Figure enter 第二窗口

pie([4 4 4 4 4]) 饼状图

close (2) 关闭第二窗口

close all 关闭所有窗口

ctrl C STOP!!!!

>> pretty\_piture = imread('232.jpg');

>> image(pretty\_piture) 打开一个图片

Axis off 去除坐标系

Quit 退出matlab