

MCQ-Plotting

1. The plot command used to create plotting
 - a. One-Dimensional plot
 - b. Two- dimensional plot
 - c. Two- and three-dimensional plot
2. The simplest form of plot command will be
 - a. Plot(y)
 - b. Plot(x)
 - c. Plot(x,y)
3. To plot curve that has two vectors (a,b) with (dashed red line and line width 2), the command :
 - a. Plot(x,y,'-r', 'linewidth',2)
 - b. Plot(a,b,'-r', 'linewidth',2)
 - c. Plot(x,y,'-r', 'markersize',2)
4. To plot curve that vectors x,y with magenta solid line , with line width 3 :
 - a. Plot(x,y,'-b')
 - b. Plot(x,y,'-m', 'line width',2)
 - c. Plot(x,y,'-m', 'line width',3)
5. xlabel('Distance(miles)'), and ylabel('Height(miles)') in sequence will add :
 - a. label to x-axes Distance(miles) and label to y-axes Hight(miles).
 - b. label to x-axes Hight(miles) and label to y-axes Distance(miles).
 - c. label to x-axes Distance(miles)
6. To add title Sine Wave to plot the command will be:
 - a. title(sine wave)
 - b. title('Sine Wave')
 - c. title('Wave Sine')

7. The simple form of Legend command :

- a. legend(pos, 'string 1', 'string 2, ...)
- b. legend('string 1', 'string 2, ...,pos)
- c. legend('string 1', 'string 2, ...)

8. The simple form of axis command:

- ~~a. ([xmin, xmax, ymin, ymax])~~
- b. ([ymin, ymax, xmin, xmax])
- c. ([xmin, ymax, xmin, ymax])

9. The effect of grid on and grid off to plot in sequence:

- a. Remove grid lines to plot and add grid lines to plot
- b. Add grid lines to plot and add grid lines to plot
- c. Add grid line to plot and remove grid lines to plot

10. Plots y versus x with a log (base 10) scale for the y axis and linear scale for the x axis , the command will be:

- a. semilogx(x,y)
- b. semilogy(x,y)
- c. loglog(x,y)

11. Plots y versus x with a log (base 10) scale for the x axis and linear scale for the y axis.

- a. Semilogx(x,y)
- b. Loglog(x,y)
- c. Semilogy(x,y)

12. Plots y versus x with a log (base 10) scale for both axes.

- ~~a. Loglog(x,y)~~
- b. Semilogx(x,y)
- c. Semilogy(x,y)

13. the command subplot (3,2,1) creates 6 areas arranged in :

- ~~a. 3 rows and 2 columns~~ and makes the upper left subplot current
- b. 2 rows and 2 columns and makes the upper left subplot current
- c. 3 rows and 2 columns , and makes the upper left subplot current

MCQ-Function

1. To define functio that find Maximum and Minum number among five numbers(n1,n2,...,n5) , and return the value in variable Max , Min, so the function will be:

- ~~a. function [Max,Min]=Min_Max(n1,n2,n3,n4,n5)~~
- b. function Max=Min_Max(n1,n2,n3,n4,n5)
- c. function Min=Min_Max(n1,n2,n3,n4,n5)

2. To test the number A if its odd or even then condition will be:

- a. if A>=0
- ~~b. if mod (A,2)= =0~~
- c. if A<=0

3. To define function that find factorial of number N , and return the result in variable f, so the function will be :

- ~~a.~~ function f=My-fact(N)
- b. function =My_fact(N)
- c. function f=My_fact(n)

4.To test the number Z if its Positive or Negative then condition will be:

- a. if $Z < 0$
- ~~b. if $Z \geq 0$~~
- c. if $Z \neq 0$

5. the output of calling the function `max=my_max(50,60,100)`

- a. 100
- b. max=60
- c. max=100

6. function `F=Fact(4)`, the functin will retun factorial of 4 in output F:

- ~~a. F=24~~
- b. F=12
- c. 24

MCQ_GUI

1.GUI stand for:

- a. User Interface Graphical
- b. Graphical User Interface
- c. Interface Graphical user

2. to open GUI in command window the command will be:

- a. gu
- b. guide
- c. >>guide

3. In GUI,  , the name of component is :

- a. Check Box component.
- b. Push buttons component.
- c. Edit text components.
- d. Radio buttons component.

4. in GUI, double click on any component will give list of proerty this menu called

- a. Editor menu
- b. Toolbox menu
- c. Proerty inspector menu

5.the property that used to change the title of any component is:

- a. Tag
- b. String
- c. Value

6. the property that used to identify component during programming is:

- a. Style
- b. Value
- c. Tag

7. the property that used to specify the action to take when control activated is :

- a. callback
- b. Enable
- c. value

8. GUI design saved in format:

- a. .m and .txt
- b. .fig and .m
- c. .m

9. In GUI, the component that enable users to enter and modify text string is called:

- a. Toggle component.
- b. Check box component.
- c. Edit Text component.
- d. Static Text component

10. the component that display list of items and enable user to choose one or more items is:

- a. Pop up menu
- b. List box
- c. Slider

11. the component that enable GUI to display graphics such as graphs and images is :

- a. Axes
- b. Check box

c. Button group

12. component that arrange GUI component into group

a. toggle button

b. list box

c. panel

14. The ----- structure is passed as an input parameter of all the callback functions that make up the GUI.

a. Callback

b. handles

c. value

GOOD LUCK