

GRAPHICS COMMANDS FOR TRUE BASIC

Working Areas for your Graphics:

OPEN #n: SCREEN X1, X2, Y1, Y2

This command opens a portion of the screen you want to draw in. You can open several different windows. n = the number you assign for the window. X1 and X2 are the horizontal coordinates and Y1 and Y2 are the vertical coordinates. You can switch from window to window by the statement WINDOW #N

CLOSE #N

This command closes the window.

CLEAR

This erases the contents of the current window

SET WINDOW X1, X2, Y1, Y2

This command sets the horizontal and vertical coordinates of the window. You can do this for each window.

Drawing Commands:

SET COLOR "NAME OF COLOR"

This command makes the color you name the color you will draw in.

Color names available: red, green, brown, magenta, blue, white, yellow, cyan, and black.

SET COLOR #

This command allows you to choose colors corresponding to the numbers 0 to 256

SET BACKGROUND COLOR "NAME" OR SET BACKGROUND COLOR #

This command allows you to color the background of your window.

SET COLOR "BACKGROUND"

This makes the background color your current drawing color. This is useful for drawing on top of another color or for "cutting a hole."

SET COLOR "BLUE/WHITE"

You can change current color and background color by writing the above command where the first color is the drawing color and the second is the background color.

PLOT POINTS: X1,Y1; X2,Y2, X3,Y3

This command allows you to draw points. The semicolon after each point's coordinate allows you to plot more than one point.

PLOT LINES: X1,Y1; X2,Y2; X3,Y3

This command draws the points and then connects them.

PLOT X1,Y1

Short cut for plotting a single point.

PLOT X1,Y1; X2,Y2; X3,Y3

Short cut for plotting points and connecting them.

PLOT

This command with nothing after it tells the computer to start a new curve or line and not to connect.

FLOOD X,Y

This will flood the area from the point x,y out to the boundaries.

PLOT AREA: X1,Y1; X2,Y2; X3,Y3

This will draw a geometric shape (in this case a triangle) and fill it in with the current color.

BOX LINES X1, X2, Y1, Y2

This will draw a rectangle

BOX AREA X1, X2, Y1, Y2

This will draw a filled rectangle

BOX CIRCLE X1,X2,Y1,Y2

This will draw an inscribed circle.

BOX CLEAR X1,X2, Y1, Y2

This will erase a rectangle

PLOT TEXT, AT X, Y: "TEXT"

This allows you to place the words inside of the quotation marks at the position indicated by the point x,y.