CS602

Quiz-01

Quiz by Attiq Kundi

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CS 602

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A scaling transformation alters the _____ of an object.

Size

An improvement in the speed of line-drawing will result in an overall improvement of most graphical applications.

True

A _____ transformation involves changes the size (increase or decrease in size) of an object.

Scaling

An ellipse in standard position is symmetric between _____.

Quadrants

Hercules adapter can display_____.

Only Graphics

_____ are a super-set of convex polygons having fewer restritions than convex polygons.

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Concave Polygons

Matrix multiplication is _____.

Associative

A unit vector has zero magnitude.

False

_____ is the annoying tendency of the text to flash as it moves up or down.

Flicker

_____ was first person who studied the ellipse.

Menaechmus

_____ is an area fill algorithm that replaces all connected pixels of selected color with fill color.

Flood-fill

EGA and VGA _____ have a character generator ROM.

Do not

In Display mode 3, out of two bytes of each character on screen, one contains ASCII value while other contains _____.

Attribute

Bresencham's algorithm finds the closest integer coordinates to the actual line, using only _____-.

Integer math

The line passing through the vertex and parabola is called ___.

Axis

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According to the architecture of raster graphic system, display processor memory will act as _____-.

Video controller

If |m|>1,then "incremental line algorithm" will _____ by 1 in y= mx+b till it reaches ending point.

Increment y

If the value of scaling factors sx andsy greater than 1, then size of objects will be _____.

Enlarged

In midpoint circle drawing function, if circle (x,y)>0, then (x,y) point lies _____ circle boundry .

Outside

_____ test is used to locate the point in polygon.

Parity

A two dimensional _____ is applied to an object by responding it along a circle path in the xy plane.

Rotation

Which of the following is not example of geometric transformation?

Inverse

_____i is a type of monitors that use CRT.

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RASTER-SCAN system

Two different lines can intersect in at most one point,; whereas two different planes can intersect in at most ____.

One line

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