

Date:

Term Assignment

Assignment No: 2

ID : 14192

Name : Salman Khan.

Subject : Computer Graphics

Bs : CS

Date:

Question #1

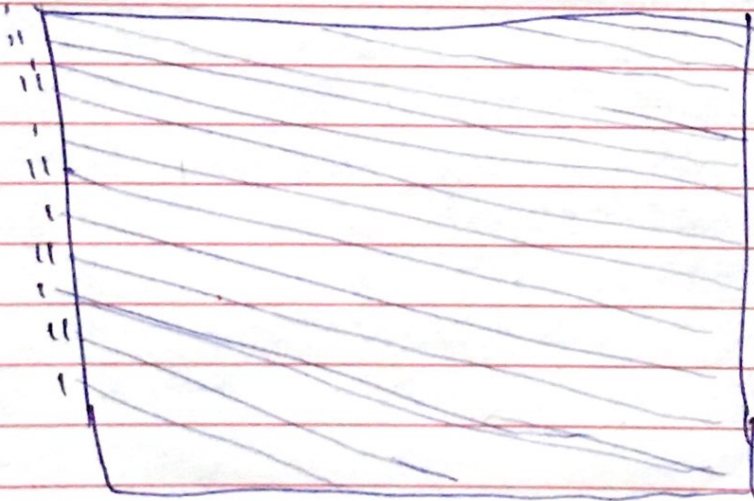
Answer:

Interlaced:

Interlaced video is a technique for doubling the perceived frame rate of a video display without... to display interlaced video on progressive scan displays, playback applies.... This does not require significant alterations to existing equipment.... latter ~~procedure~~ procedure is the only way to suit shutter glasses on a progressive display.

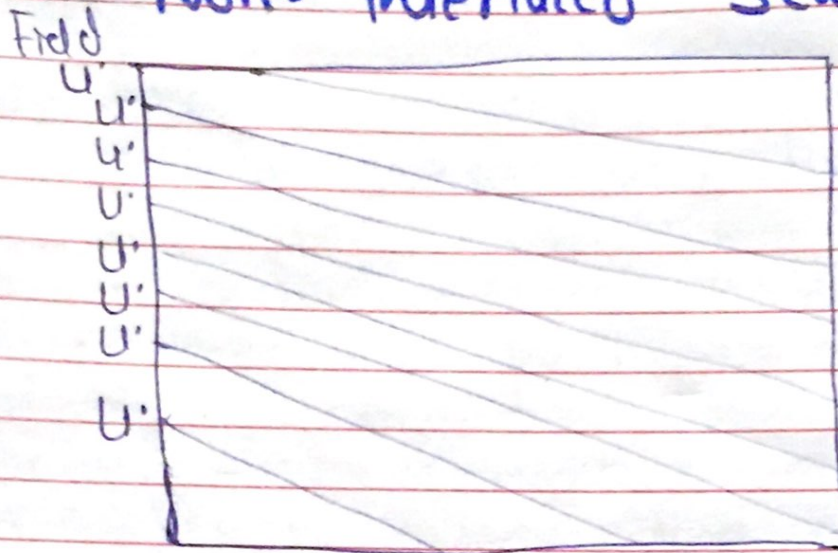
Diagram Interlaced

Field



Date:

Non-Interlaced Scanning.



Question #2.

Answer:

Memory Requirements:

Memory Requirement To get the amount of memory required, multiply the number of visible dots per line by the number of visible lines. For a display with a resolution of 1024×768 , this would be 1024×768 (786432), which is the number of visible dots on the display.

Date:

Question ~~no~~ #3.

Answer:

= Bresenham's line algorithm.

Bresenham's line algorithm is a line drawing algorithm that determines the points of an n -dimensional raster that should be selected in order to form a close approximation to a straight line between two points. It is commonly used to draw line primitives in a bitmap image (e.g. on a screen) while algorithms such as Wu's algorithm are also frequently used in modern...

