

## Computer Graphics 1<sup>st</sup> assignment Questions for Students

1. Define Computer Graphics? Why Computer Graphics is needed in human life. What are the application areas of computer graphics.
2. Explain the working principle of CRT Monitor with neat diagram.
3. Difference Between Raster scan display architecture and random scan display architecture.
4. Why flat display is popular in recent scenario? Explain about LCD display system.
5. Explain digital differential analyzer algorithm and calculate the coordinates of the line using DDA algorithm of between points (0,0) and (4,5)
6. Find the points for the line from (2,3) to (10,8) using DDA algorithm
7. Explain Bresenham's Line drawing algorithm by drawing a line from (2,3) to (10,8)
8. Implement Bresenham's Line Drawing Algorithm for the line segment (1,1) to (6,4).

Submission Date: 12/11/2081 Monday