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SARASWATI College of Engineering

ΔΙο	orithm
49	Odition

Step 1: Read the line on points (21, 4)

and (212, 42).

Step 2: Calculate Dx = u2-u

Dy = 42-41

Step 3: If (DN>Dy)

Then steps = Dre

else Steps = Ay

Step 4: 2c inc = Dr steps

yinc = Ay

Steps

Step 5: 21.21, + 0.5 \$ sign (Az)

y.y, + 0.5 \* sign (Dy)

Step (: Now Plot the Points

for (i=1; i<= steps; i++)

Plot (integer x, integer y)

u= n+ rinc.

7= 4+ y inc.

Conclusion: Thus we have implemented a Program to understand DDA algorithm.