Mame-Siddhasth Rawood Course-BeA SEM-6th 100
Ulain DRC 602 (Corprae) Subjed: PBC 602 Con practical University Roll. No -1121143 Quest- Algorithm Step1- Stand Delatevaniable X1, X2, Y1, Y2, d, i, i2, du, dy Step2-> Entervalue of x,,y,, x2, y2 Step3-- 11 Ste 647 Calculate de = x2-x1 662-Calculate dy = 42-91 Calculate 1,= 2* dy Calculate d=1,-de Step5- Consider Cx, y) as stanting point and Kend as maximum possible value of le it die co then x = x2 9=42 Kend = % if dx to them or = x, y=y, Mand = X2 Crenerate point at (x, y) co-ordinates Step 7- Check 17 whole line is generated

Step8 - Calculate co-ordinates of the Mextginel if deo Then d= dtis Thend = d+i2 Step9: Increment x=x+1 Steplo! Draw a point of latest (x, y) co-ordinates Step 117 Croto Step7 Step12+ End. Program 1
Hindude 28t dio.h. =#Include (graphies.h) vold drawline lint 100, lut 40, int 11, inty int dre, dy, P, re, y; q10x1 - x0; dy = X1 - Yo; X= Xo; X = Xo: P= 2× dy-dx Wille(x < x 1) :F (P7=01

Sputpinel (x, y, 7); P= P+2 x dy; Int main () Pintad = DETECT, gm, xo, yo, x1, Y1 init graph (Agd, Agm, "11); Xo = (00; yo = 100; x,= 300; 200; denachine (xo, yo, x1, y1) returno;

Stolk.

