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ROLL NO - 22 (1121103)

SECTION -B

Q=3 + P>3 => BRESENHAH CIRCLE DRAWING ALGURSTHA

Code > # include < stdio.h> # include < graphics. h> Void main() int gd = DETECT, gm; int r, x, y, P, xc = 320, yc = 240; Printf (" Enter radius 11); Scanf (" % d", f8); init graph (fgd, fgm, ""); purpixel (xc+x, yc-y,1); P=3-(2+8); for (x=0; 2c <= y; 2c++) ( . if (PZO) d y=y; > to reduce there or P=(P+4 x x) t6); elre d 4-A-1;

busy

Putpixel (2(c+x, yc-y,1); Pupial ( xc-x, yc-4,2); Putpixel (xc+x, yc+y,3); Purpixel (xc-x, yc+y, 4); Pupidel (XC+y, yc-x, 5); Purisel (xc y, yc-x, 6); Purise (xc + y, yc+ x, 7); proposed (xc-y, yc+x, 8); gern(); Close graph ();

Brevenham Circle Drawing

Alguritan

Stef (1) - Set initial values of (xc, yc) and (x, y) Calculate duision parameter d = 3-(2+8)

Call display brushnamciacle (int XC1 inty(, int x, inty) runod to display initial (0,8) point.

Repeat step 5 to 8 will x <= y.

increment value of ?c styl).

If d 20, set d = d + (4xx)+6 Sty (3) "

Elre. Set d=d+4x(xc-y)+10 and devamen y by 1. Sty D.

Call display brushnam circle (int te, intyc, intx, inty) Sty (8) .

step 9 -

