Name-RANT BISHT CLASS ROLL ND-27 SEC-B
SEM-6 SUBJECT-COMPUTER GRAPHICS & ANIMATION
SUBJECT CODE - PBC 602 FATHER'S NAME-SANJAY KUMARUNIVERSITY ROLL NO-1121109

Step1: Stept

Step2: Declare XC, yc, 12 variables xc, yc for it

and a too radius

step3: Enter the value of xc and yc.

Step1: Enter the value of x and yc.

Step6: Pass the value to Breschnam algorithm fundion

Step6: In Breshnam function declare x as o,

y as x and d as 3-2x

Stap7: Pass XC, yc, X, 11 value to Fight fundion

Nap8: A check if X is greater than equal to y

step 9: It step 8 is sight than Stop than check if d'is less than equal to 0 Step 16 It step 8 9 28 slyrt than calculate Step'to: It step 9 is wrong than calculate d as d+ (4 x x) - (4 x y) + 10 and "int y as y-1 and x as * y-1. Step 12: Pass the for value to Fight function Hep 13: In Eight function plot eight point

by carry concept of eight way symmetry

The center's (x carefyc), and RED for colors. put pixel (x+xc, y+yc, RED)?
putpixel (x+xc, -y+yc, RED); putpinel (-X+XC 1 - Y+YC, RED) putpinel C-X+XC, Y+XC, RED) putpixel (x + x c , x + x c , RED) proposed (X+XC / -X+XC, RED) putphoel (-y+xc, -x+xc, RED)
putphoel (-y+xc, x+yc, RED)

9-3% CODE # include (graphies-h)
#include (stdip.h) # include & Stallib. h > # include < mathoh) vold Eight (int xc, int yc, int x, int y) putpixel (x+xC, y+yC, RED); pulpixel (x+ xc,-y+yc, RED); putpixel (-x+xc, y+yc, RED);
putpixel (-x+xc, y+yc, RED); putpixel (y+xc, x+yc, 12); putpixel (x+xc, -x+yc, 14); putpixel (-y+xc, -x+yc, 15); putsixel C-y+xc,x+yc,6);

vold Bresenham (Port x C, int y C, pro r) 9 mt x=0, y=r, d=3-(2*r); GIGHT (XC, YC, X, Y); while (x<=y) 3 d= d+ (4xx)+6 3 else ? d= d+ (4 *x)-(4 *y)+10; y= y-1; } Eight (xc, yc, x, y); LELY YOUR TYPE COME int main () 9 mt xc, yc, r, g, driver = DETECT, gmod, error code; Mygraph (& gdriver, & gmode, "); errorcode = graphresult(); printf ("Gradic error: % s \n', grap porms g (error ad),

printf ("Gradic any key to halt");

getch(): 16 (error code! - grox) getch(); exit(1); } scant (" Enter values of xc and yc:");
scant ("0/00 "/00" fxc byc); print ("Enter the value of saduis."); scarf (" % d " & 2); Breschnam (xc, yc, r); getch(), Closegraph (); petulo;

