Rollno, 1121177 Sig. dioshi

Set-C

P2: Mid point circle Drawing Algorithm

Stepl: Start

Staps: Put x =0) y= & and p=1-8

Step 3: Repeat while 912=4

Plot (x/4)

If CPCOD

Then set Y=Y+1;

P= p+ 2\*4+1
also it (p)0)

Then set x=x-1

P= p-2 \*x+1

Stopy: Populate other 7 Quadrants accordingly Stop 19: End Nama, Trinatra Joshi Rollno, 1121177 Course, BCAGC sig. Hoghi P 2 Code: mid point circle Drawing Algorithm # include < stdio. n> Hinclude Ksraphies. h> void draw ( introllyt you intradius ) & Int n = radius i Int 4 = 03 inte = 0) while Cx>= 4) & Putpixel (xo+x) 40+y) 7)1 putpixel CRO+y, 40+x, 7) putpixal (xo-y) Yo+x, A); putplied (No-x) Yo+Y) 7); putpixel (x0-x) 40-41 7)/ putpixel ( xo-Y) 40-x,17); putpixel (x0+4, 40- x, A); Putpixel (NO+X, 40-4) 7); if cec= 0) € 44=11 a+= 2\*y +1;} it ce> 0) x = x - 1a=e-2\*x+1, 3 3 3 int main () & int gd = DETECT, gm, e, x, 14, 1) initsoaph (dyd, 4, m, " "); print+ C" Enter radius! 15.

Set- C

int 3d = DETECT, 3m , e, x, 14, m;
initsoaph (LSd, 43 m, "");

printt C" Enter radius; "s;

scanf ("11, d11, 4x);

printf ("Enter coordinates of center:");

scanf ("14, d4, d", &x, 44);

draw (x, 4, x);

returno;