Sourand

Name + Souraw Singh Deapa ROLL NO + 1121128 Sec + B Sub > Computer Graphics

AMB-

Algorithm

Step 2-1 Start

Step 2-1 Declare P, P, X, Y, 4, od variables P, 9

are 100 + dinates of the centre of the

Little or 18 the tadius of citale.

Stop 3-1 Enter the value of 9.

Step 4 > Calculate d= 3-2 x

Step 5 > Initialize X= 0

& hbsy=r

Step 6 - check if the whole -circle is 8 can
Converted If x >= y

Stop

Step 7: Plot eight points by using noncepts of 8 way

8 ymmet by. The centre 18 at (Pr 9). Current

active pixels 18 (X,y).

Adpixel (X+Pry+9)

Papixel (X+Pry+9)

O REDMI NOTE & PRO (-14P > x+9)
MI DUAL CAMERA (-x+p > x+9)

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pulpical (-x+P,-y+q)

pulpical (-y+p,-x+q)

pulpical (y+P,-x+q)

pulpical (y+P,-x+q)

pulpical (x+P,-y+q)

Step 8: Find location of the next pixels to be scanned.

If d < 0then $d = d + 4 \times + 6$ increment x = x + 1If $d \ge 0$ then d = d + 4(x - y) + 10increment x = x + 1decrement y = y - 1

Step 9: - Go to stop 6
Step 10: Stop.

REDMI NOTE 6 PRO
MI DUAL CAMERA

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Ans

indude < stdioh > # induda Lgraphia. h> void main () Eint gd= DETECT, 9mi Int You XC, X, P, X 7) int gd, gm; delect graph (& gd, &gm); Init graph (& gd, 8gm, "C: 11 Thebox 311 B G7"); cl +501 (1) Pointf 1" In Enter the co-ordinate of centre " Scan F ("/d /d", 8x, 8yc) Paint f I" (n Enter the tachias"); Scan f (" /d", 8 x); Y= 71) P= 3- (2*+)) fo+ (x=0;x=4;x++)

if (PKO)

```
P= P+(4x X)+6)
else
y- 4-1)
 P= P+4 x (x-4)+10;
pulpind (XC+X , YC-Y, WHITE)
putpinel (XC-X > YC- Y, WHITE)
pudpicel (XC+X, YC+Y, WHITE);
pagical (XC-X7 40 + 47 HHITE),
putpicel (XC+Y 7 YC+ Y7 WHITE);
publical (4C-Y7 YC-X7 HHITE);
popised (XC+Y, YC+X, WHITE)
propried (x (-47 YC+X > HHITE);
getch ();
 Closegraph ();
```

