Namo: Kartik Bisht

Course: BCA

Sec: C

U.ROIINO:1121073

Subject: Computer Graphics practical

Ans 2) Mid paint Circle Algorithm.

Woberspra: Stopt: box 20=017=2 au chaysu 5

Step 2: Repeat steps while X = y

(0>9) B

man set p = p+2x+3

Fise

P=P+2(x-y)+5

4= 4-1 (end if)

X= SCH (end loop)

Step3: End.

Karlik

(1) asidapped April (margor) # include (stallib. 1) It include (math. h) # include (stdio. h) Hinclude (como. h) #Hordade < 108tream.b) class bresen S float x, y, a, b, 8, P; Public: ; coto bian;

Karlik

usid main () breson b; Di got b. get (); b. col (); getch (); Waid brezen: get () (" author stra extrava oth ratina" >> tuas Cout << "Enterly b)"; cin > 7 a >> b; Cout KK & Enter sadius 4; On >> 1; (Dla): neveral bias governs, spand, 123130 = vaincope pin it point, which the "(C" "I sbangs, resubges) Aporption evarcade = graphresult (s; it ( Enounced ; = drok) Example ("Graphics Even: ". S. n", graphervarmsgeword brang (" brass any key to halt: "). geth (); Karlik exit1)

x=0; 3= 8: puspines (a, b+8, RED); putpixel (a, b-8, RED); putrised (urgb, RED); purposed Cour, 6, RED; P=5147-8; While (XX=4) EX (P) PKO) P+=(4\*x)+6; E P+= (2\*(x-y))+5; x++; pubpixel (atxibty, RED); putpixel (a-x, b+y, RED); putpixel (atx15-41RED); putpixel (Cutz 16-4, RED). putpinel (atx, btg, RED). putpixel (CHX, b-y, RCD); putpixel (a-x, b+y, RED), putpixel (a-7,5-4, RED);

Kadel

Enter radius of circle: 50
Enter co-ordinates of center(x and y): 400 300

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