Subject Name. Computer Graphics and Name-Himansher Baghari Subject Code- PBC-602 V. ROU NO- 1121060 (1) to, 1 in Ano 2. Midpoint Cincle Drawing Algorithm-9130, 1 60 > Algorithm. 1 1 1 3 m Step 1. Pul x = 0, y = r in equation 2 we have p=1-91 (1) A81.310 Stop ?. Repeat steps while x ≤ Y. (1) 101 (1) plot (x, y) 6.6100 if (P<0) 11/180101 Then set p = p + 271 + 3 Else Carl Cockenic 10th Chi P= P+2 (x-y)+5 Y = Y - 1 (end) (i) (x - y) = (x - y)x = x+1 (end (oop) The Company of the Co Step3. End. rent continued in the second > Code :-# include < graphies. h) # include (Adbb. h) could be missing the # include < math. h) The state of the life of the l # include < conio.h> # include < iostream.h> class bresen 110 Bu sudject and some (M) (1 3 10 mars) 1.

```
float x, y, a, 16, 9, p;
         Public:
  void get ();
               rilling of one of war will a problem
  void cal();
3;
   void main ()
                            med the mond son
    Gresen b;
                         Ash Barry Arrage
    6. get ();
                                (N. V) 111
    b. cal ();
                               (054)
    getch ();
                          8118 19 19 19 18
   void bresen :: get ()
                         31(XX) 8 + 4 = 1
   cout << " Enter Center and Radius";
   conf << " Enfos (a, b)"; (1)
   cin >> a>>6;
   cout << "Enter 1";
   unyyr;
                           void bresen :: cal ()
                             Harala Crasher 12 1
   int garives = DETECT. gmode. emoscode:
   int midx, midy, i;
   initgraph (& gdriver, & gmode, ");
   errorcode = graphoesulf (1;
  if (envoyade ! = grok)
```

Scanned with CamScanner

```
ALLES SORARIOS
Printf ("Graphics ersor: 1/05 \n". grapherrormsq (ersorcede);
Printf ("Press any key to halt: ");
getch ();
                       Pulling (a. 16. 18. 18. 110)
exit (1);
 \chi = 0
 Y = 9;
putpixel (a, b+ r, RED);
pulpixel (a.b-8, RED);
 putpixel (a-r, b, RED);
pulpixel (a+r, b, RED);
 P=5/4)-Y;
While (x <= Y)
  if (P<0)
  P+=(4*x)+6;
 elce
  p+ = (2* (x-y))+5;
  81++;
 pulpixel (a+x, b+y, RED);
 pulpixel (a-x, 6+y, RED);
 pulpixel (a+a, b-y, RED);
```

```
pufpixel (a+x, 6-4, RED);
pulpixel (a +x, b+y, RED);
pulpixel (a+n, b-y, RED),
pulpixel (a - x, b +y, RED);
putpixel (a-or, 6-y, RED);
                       (h) ? (2) d (n) ).
                        (019, co. d. co)
                       firel (alk, b, sen)
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3

NeuTroN DOS-C++ 0.77, Cpu speed: max 100% cycles, Frameskip 0, Program:

Enter radius of circle: 100 Enter co-ordinates of center(x and y): 150 150