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Alg
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                         : computer Graphics & Animation
    Subject
    Course
                       : BCA
                        : 6
    Semester
     Sec.
                        : B
   P3- White an algorithm and phogram to implement bresenham reviele drawing algorithm.
   luogran
   #include Litao . 1)
   # include Lgraphics . h>
   void main ()
  d int gd = DETECT, gm;
    Int u, x, y, p,xc= 320,yc=240;
    puint ("Enter the made is @ of circle");
   scanf (1/1/1.d", eu);
   init quaph (egd , egm , " ");
   X=D;
   y=4;
   putpixel (xc+x,yc-y))
   P=3-(2*7)
   for (x=0) x (= 4) x++)
     4(pLO)
      P=(P+(4*Y)+6);
   3
   else
  & y=y-13
   p = p+((4*1x-y)+10));
putpixel (xc+x, yc-y,1);
```

putpirer (xc-x, yc-y,2);

```
Putpixel (xc+x, yc+y, 3);
Putpixel (xc+x, yc+y, y);
Putpixel (xc+y, yc-x, 5);
Putpixel (xc+y, yc-x, b);
Putpixel (xc+y, yc+x, 7);
Putpixel (xc+y, yc+x, 7);
Putpixel (xc-y, yc+x, 8);
3
gctch ();
closegnaph ();
3
```

Algouinthm

Step1: Assign starting point as $x_0=0$ 40=R

Step 2: Calculate the value of iritial decision parameter to Po=3-2R.

Step 03: It

 $\chi_{K+1} = \chi_{K+1}$ $\chi_{K+1} = \chi_{K}$ $\chi_{K+1} = \chi_{K}$

(ii) case Px>0

 $x_{k+1} = x_{k+1}$ $y_{k+1} = y_k - 1$ $p_{k+1} = p_k + y_k(x_{k+1} - y_{k+1}) + 10$

Step 05: Y plot = 4 plot

Findel

