Now · Loudeep singh Panwar Roll No · 1121125 (44) Leckou · B =

Let = B

Ono 3

## Algorithm

- \* il d<=0 then Nx+1, yx+1, y is to be to b
- · il d > 0 Men 5x + 1, y 1x + 1, y 1 is so be Chosen as me next pixel.
- Respectively. Set P = 0 and d = R

Step 2 - Set decision parameter D=3-2L Stop 3 - Repeat Mrough Solop 8 while P = Q.

Stop 4 = Call draw circle X & Y P. O. x Y, P. Q

Steps: Increment the value of P

Step6: 36 D Lo Men D = D +4P-6

St-p7- Else Edk=R-1 D= D+4P-QP-0+10

Step 8 = Cell draw Circle xxpo, xxpo.

```
Louve Code
# include < stdio. h.)
# include < graphics. h>
   void mains
       int gd = RETECT.gm
       and 7-x, y, p, x = 320, yq = 240;
      Prints (" Guter the radius ");
      Scan ("-/-d = & x):
      stati initgraph (Rgd, Rgmi);
        patpixel (xc+x, yc-y,1);
           P= 3-(2+r):
          Bor (x=0:x <=y:x++)
           il (P<0)
              P= (P+(4*x)+6);
              3=3-1)
             P= P+ ((++(x+y)+10))
             putpinel (rc+x, yc-y,1);
             pulpixel (xc-x, yc-j-2);
              pulpiad (xc+x,yc+y,3))
              purpixed (xc+x, yc+9, 4);
              patpirel (xc+y, ye->), S);
```

pat pand (xc-y, gc-x,6)1 pul Pord (xc+y, yc+x, 7); pulpixel (xc-y-yc+x,8); Jetch (): closegraph (1)

