```
Roll No - 17103011
                   Subject - CGA
as found 10 using Bresenham circle algo
5-10
     # include 2 6/15 / Std c++ h >
     D include < graphics h >
       Uling name space std;
      void drawCirde ( not xc, 1 wd yc, 1 nd x, 1 nd y)
         putpixel ( XC+X, YC+Y, WHOTE);
         putpirel (XC-X, YC+Y, White)
         justpixel (XC+X, Yc-Y, white);
        putpixel (XC-X, 4c-Y) white)
        put pixel (xc+4, Yc+x, white);
        putpirel (XC-Y, YC+X, white)
        putpixed (Xc+4, 4c-X, white);
        putrixel (xc-4, 4,-x, white),
    5
    void KircleBresenham (int XC, int YC, int Y)
        int x = 0 . Y = Y .
       ind d= 3-2 *r;
       drawcircle (XC, 4c, X, 4);
      while (47,X)
     ( x++;
         11 (doo)
         2 4-1
         9 9= 9+4x(X-A)+10;
         ? d: d+4xx+6;
         drawlinde (xC, YC, X, Y);
         Aday (10),
```

Name - Ankit Goyal

```
ent main ()
   INT go = DETECT, gm, i;
    float X, Y, dx, dy, steps;
    int xo, x1, yo, 41;
    init groph ( Agd, 4gm, " ");
   Setbkcolour (WHITE);
   Yo = 120
          Yo = 120
          X1 = 120
          4, = 320
     9x = (flood) (x1-x0);
    dy = (floot) (41-40),
    if (dx> dy)
     ¿ steps=dx;
   dx = dx/steps;
   ay = dy / sters,
    X - Xo;
   4.40
   i.1;
  while ( i <= steps)
  { pulpired (x, y, whit);
      X+ = dx;
      4 + = dy;
      1-1+1;
    Des Circle Bresenhom (240,220,100);
      getch();
      Jangraph !
   5 Ktvin 0;
```