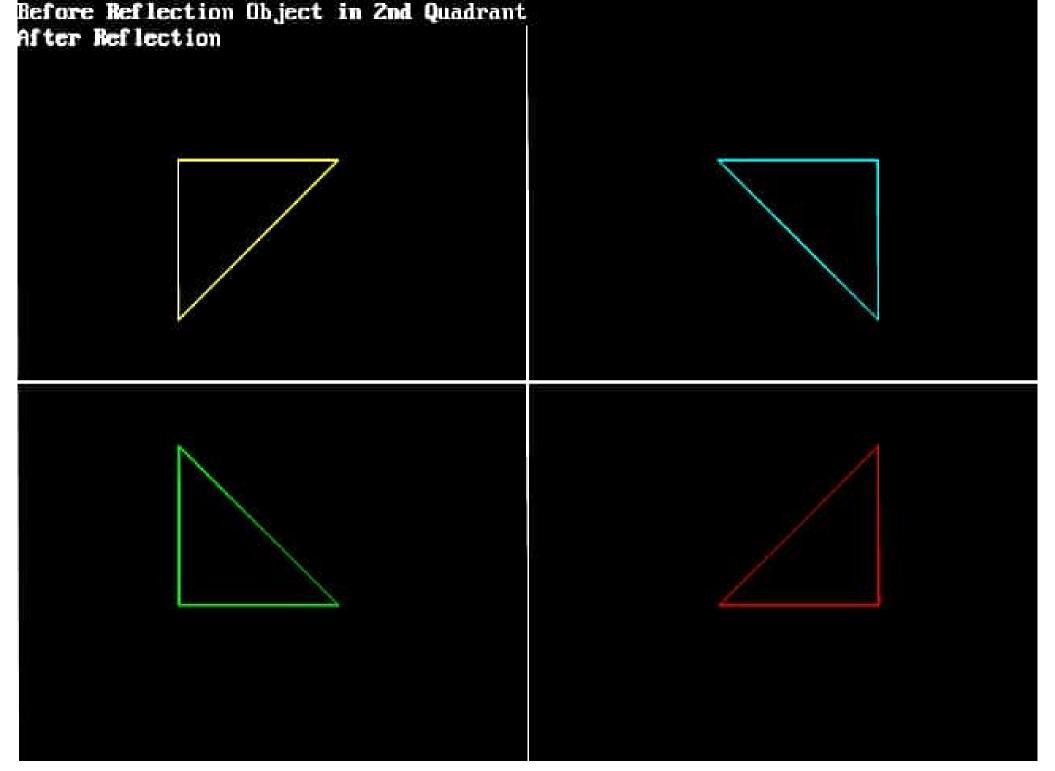
```
Name-Sailesh Mehan
                           SET-B
Course - BCA 6th B'
Roll no - 1121116 (35)
Sub- computer graphics and animations CPBC-602)
Date - 16/06/21
2. # include <stdio-h)
    # include < graphics. h)
   # include Leavis h)
       word main ()
          int gm. gd = DETECT, ax, x 1 = 100;
          int 12=100, 23 = 200, y1=100;
          int y2 = 200, y3= 100;
          initgraph ( &gd, &gm, "");
          cleardevice ();
          line (getmaxx()/2,0, getmaxx()/2,
                  getmaxy());
         line (0, getmaxy () /2, getmaxx(), getmocy()/2);
        printf ('before Reflection Object' "in 2nd pudrant");
          set color (147;
             line (21, y1, 22, y2);
            line (22, 92, 23, 93);
            line (23, 43, 21, 41);
             getch c)
         printf (" In After Reflection");
            get color (4);
          line (getmaxx () -x1, getmaxy () - y1,
                getmaxx() - x2, getmaxy() - y2),
          line (getmaxx () - x2, getmaxy () - y2)
                germaxxco - x3, germanyc) -y3);
          line (germanical) - 23, germany () - 43,
```

getmaxo - x1, getmax y 0 - y1);

Set color (3), line (gelmaxx () - x1, y1, getmasisi(1 - 22, y2); tine (germaxx(1-x2, y2, get masca (1 - 23, 43); line (getmax21) - 23, y3, germax2() - 21, y1); gesticotor set-color (21) line(x1, germaxy()- y1, x2, germanye) - y2), 11'me (22, germany() - y2, 363, getmaxy () - y3); line (23, getmasy () - ys, x1, germazy () - y1); getch Or;

closegraph ();

1



Name-Sailesh Mahan

Louise-Bia Gth B,

Roll no-112111 T (31)

Selb-Computer graphics & animations CPBC-602)

Date-16106121

3. ALGORITHM

1. Jet initial values of Cacige) and (2, y)

2. Set decision parameter d to d= 3-(2 12).

3. Call draw Circle Cintac, intyc, inta, inty)

4. Repeat steps 5 to 8 until XX= y

5. Increment value of oc.

6. If d <0, set d = el + (4x 2) +6

7. Else, set d = d+4 ca-y)+10 and decrement y by 1.

8. Call draw Circle Cint sec, intye, intx, inty) function.

# include (stdio.h)

# include (dos.h)

# include (graphics.h)

Void ofraw Circle Cint xc, intyc, intx, inty)

E putpinel (xc+x, yc+y, RED);

putpixel (xc-x, yc+y, RED);

putpixel (xc+x, yc-y, RED);

putpixel (xc-x, yc-y, RED);

putpixel (xc+y, yc+x, RED);

putpixel (xc+y, yc+x, RED);

putpixel (xc-y, yc+x, RED);

putpixel (xc-y, yc-x, RED);

putpixel (xc-y, yc-x, RED);

#

```
Void circle Bres Cint xc, Int yc, intr)
          Intx=0, 4=r;
          int d=3-2 * r;
          draw Circle (xe, ye, x, y);
          while (4)=2)
                 oct+;
               if (970)
                   d=d+4 * Cx-41+10;
                else
                   d=d+4 * x+6;
                 draw circle (xc, yc, 2, y);
                delay (505,
               I'nt main ()
                    intac= 50, ye=10, 22 =30)
                 int gd = DETECT, gm;
                 init graph (2gd, &gm, "");
                arde Bres Cxc, ye, vi,
                  return 0;
```

