AIM:

To implement a graphical objects in c.

```
PROGRAM:-
#include < graphics h>
#include < stdio . h>
void drawcar (void)
    int \lambda, j=0, gd=DETECT, gm;
     for (i=0; i<=420; i=i+10)
     1
         setcolor (RED);
         line (0+i; 300,210+i,300);
          line (50+1; 200, 75+1, 270);
          line (75+i; 270, 150+i, 270);
          line (150+i; 270, 165+i, 300);
          Time ( 0+1; 300, 0+1, 330);
          line (210+1; 300 + 210+1, 330);
           circle ( 65+1; 380, 15);
           aucle (65+i; 330,2);
           circle (145+1,330,15);
           Circle (145+i, 230, 2);
```

```
line ( 0+i, 330, 50+i, 330);
line ( 80+i, 330, 180+i, 330);
line ( 110+i, 330, 160+i, 330);
delay ( 100);
cleardevice();
getch();
closegraph();
int main ()
drawcax();
return 0;
```

RESULT:
Amplementation of graphical object was
done successfully.

```
AIM :
   To implement DDA line drowing algorithm in
 С.
AROIDRITHM :-
left to right
if (m /=1)
    20 K41 = 20 K41;
   yk+1 = yk+m;
else
   xk+1 = xk+m;
   9K+1 = YK+1;
Right to left:
if (m ==1)
   ykti = yk-m;
else
   2CK+1 = 2CK - 1 ;
   9k+1 = 9k-1;
```

```
PROGRAM:
#include < iostream.h>
#include x conio.h>
#Include < graphics.h>
#include < math. h>
      ddal int x1, int y1, înt x2, înt y2)
void
     float dx, dy, len, xi, yi, i=1;
     dx = x_2 - x_1
     dy = /2- 41;
     if (abs(dx) > = abs(dy))
           len = abs(dx);
     else
           len = abs(dy);
      DC1 = 21 +0.5;
      y; = DC1+0.5;
      putpiocel ( 21, yi, WHITE);
      dx=(dx)/len;
      dy = (dy) / len;
      while ( i <= len)
           \infty i = \infty i + d\alpha i
            y; = y; +dy;
            putpiocel (xi, yi, WHITE);
            1++;
```

```
void main()

int gd = DETECT, gm;

initgraph ( egd, egm, "

dda ( 100, 100, 300, 100);

dda ( 100, 100, 200, 300);

dda ( 300, 100, 200, 300);

dda ( 100, 270, 200, 50);

dda ( 100, 270, 200, 50);

dda ( 100, 270, 300, 270);

getch();

elesegraph();
```

Thus the implementation of DDA line drawing algorithm was done successfully,