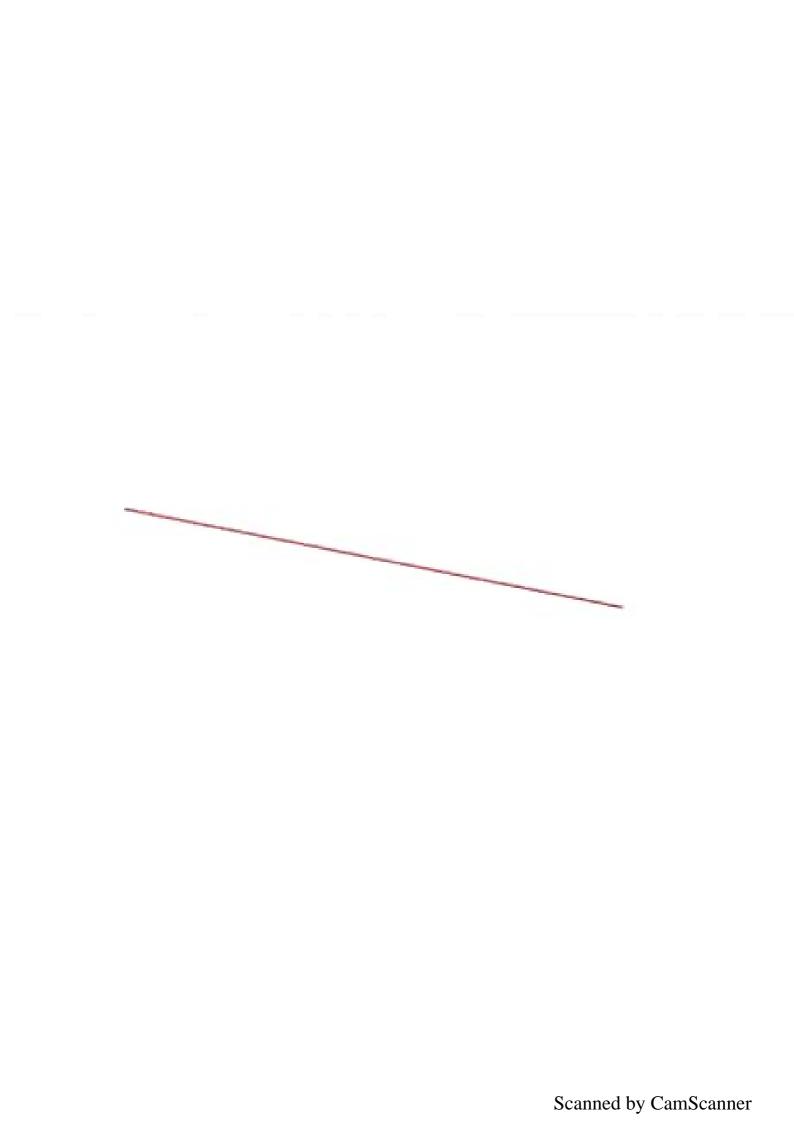
```
Dhairya Dhiman BCA II 'A'
                             1121043 (40)
 # include (graphics.h)
 Hinclude Leonio. In>
 Hinelude (stdie h)
 void main ()
int gd = DETECT, gm, i;
 float x, y, dr, dy, steps;
 ent 20, x1, y0, y1;
initgraph (2 gd, 8 gm, 6'C', 1/TC/1BGI");
 set blocolor (WHITE);
 XD=100, 40=200, XI=500, 41=300;
 dx=(float) (x1-y0);
 dy = (float) (y1-40);
if (dn 7=dy)
   Steps=dx;
   else
    Esteps=dy;
 dx = dx/steps;
  dy = dy/steps;
    X = XO;
 while (i (= steps)
  E putpixel (x, y, RED)
     Y xt=dx;
```

Dhaviya Dhiman BEAVI 6A? 1121043 (40) 14+=dy; 1=1+1; getch(); closegraph (); Algorithm. Step 1: Start Algorithm Step 2: Declare XI, y, dx, x as integer values X2, y2, dy, y. Step3: Entervalue X,, y1, X2, y2 Step 4: Calculate dn = x2 - n, dy=42-41 Step 5; if ABS (dx)>ABS (dy) Then step abs (dx) ELSE Step = abs(dy) Step6; Xinc = dv , y inc = dy step Assign . X = X1, Assign . y = y1 Step 7; Set pixel (x,y) step 8; y=y+yinc set pixels (Round (x)), X = X +xinc (Round (y)). Step 9: Repeat step 9 until X=X2. step10! Blop.

Maisyl



BCAVI 'A' 1121043 (40) Dhavrya Dhiman Hinclude (graphics, h) int main!) int gd = DETECT, gm; initgraph (2gd, 2gm, "NULL"); /* ROAD */ line (0,200, getmaxx(), 200); line (0,360, getman (), 360); / = ZEBRA (ROSSING)*/ rectangle (150,210,260,236); floodfill (152, 220, WHITE); rectangle (150, 240, 260, 260), floodfill (152, 241, WHITE); rectangle (150, 270, 260, 290); floodfill (1502, 271, WHITE), rectangle (150,300,260,320); floodfill (150, 301, WHITE); rectangle (150,330,260,350); floodfill (152,331, WHITE); 1* Traffic Light */ setcolor (WHITE); rectangle (140, 200, 145, 130); rectangle (130,130,155,70), setcolor (RED); circle (142, 82,6); floodfill (142,82, RED);

BCAVI "A" 1121043 (40) Phairya Dhiman setrolor (MELLOW); circle (142,100,6); floodfill (142,100,4ELLOW); setrolor (GREEN); circle (142,118,6); floodfill (142,118,GREEN); setcolor (WHITE), rectangle [150,180,250,300); rectangle (250, 180, 420, 300); rectangle (180, 250, 220, 300); line (200,100,150,180); line (200, 100, 250, 180); line (200, 100, 370, 100)* line (370,100,420,180); setcolor (BROWN); Hloodfill (152,182, WHITE); floodfill (252, 182, WHITE)) setcolor (LIGHTRED); floodfill (200, 105, WHITE); floodfill(210,105, WHITE): getch () closegraph(); return 0;

Davida

