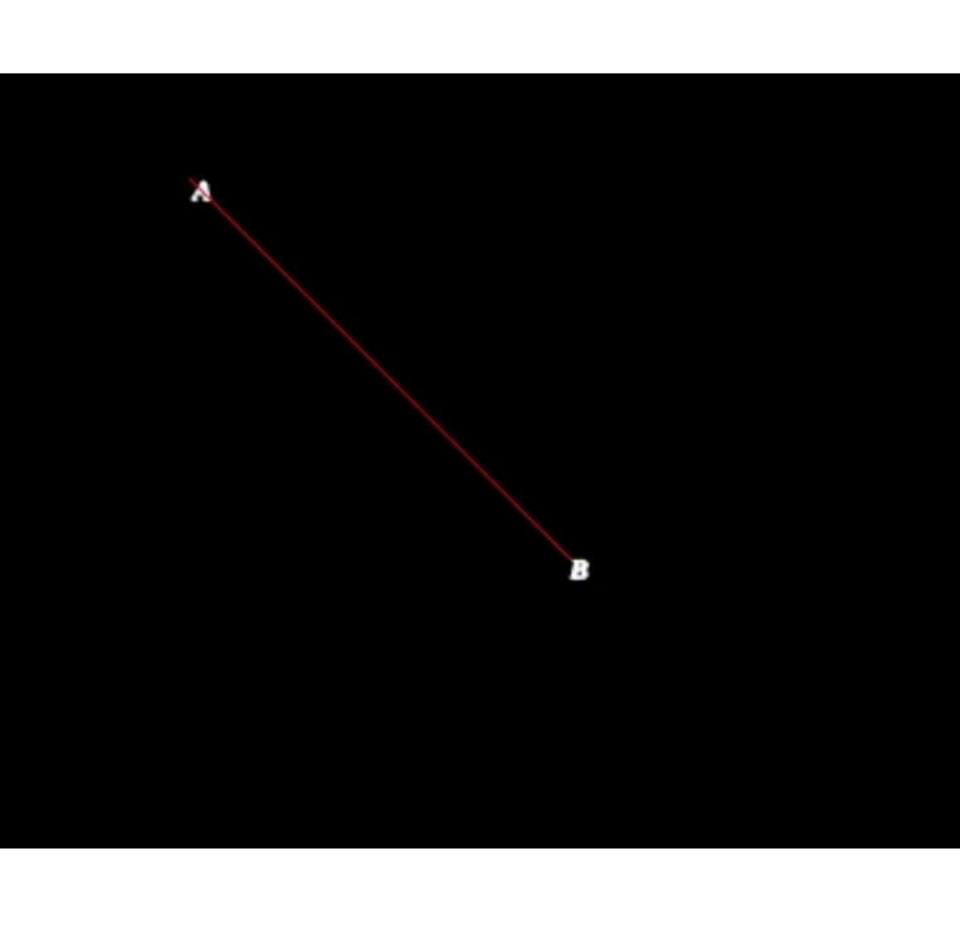
```
Name - Bhagirathi Danu
 Course- BCA 6A
  Roll No - 1121036
 Subject - Gomputer Graphics & Animation
                    END. TERM
                              (1) 23 Per Carpor Carporer 1 April
10
    #include (stdion)
    #include (graphics. h)
    int mainly
      Prot you (flood num)
       return num < 6 ? num - 0.5 + num + 0.5,
      ind x1= 100, x2=250, y1=100, y2 = 250, steb;
      int gd = DETECT, gm;
                                    Declave Millerza.
       float x, y, m;
                             Elien 10th to mas
       int dx = x2-x1;
                                        2 My Tapage, 1 Mg.
       Pn+ dy=42-41;
       m= dyldx;
                                     (ph)29+ < (ab) 201 . 19"
       it ( dx > dy)
              Steb sdx;
                                           01 xb = 500 = 1 dos
      da
         Skb =dAj
       eht graph (Lgd, Lgm");
       outentry (x1, y1,"A");
       outer + xy (x2, y2, "B");
        Putpixel (x1, y1, RED);
        x= x1, y=y1
        while (Steb>0)
          of (m<1)
               x=x+1;
                                                  Bdany
               y= y+m
```

Scanned By ScanIt

```
if (m >=1)
                           EMB-JERM.
     Putpixel (rou(x), rou (y), RED);
     Steb-
                                          works shuling !
  getch()
                                                 Clause to
 return 0;
                                       ( with part ) 3 ac 2 is
                     3+ UPIN 45.0- COUNTY ST COURT WARTH
Algorithm
Stepl - Stant Algorithm
Steb2 - Declare XI, yII, X2, y2 10x, dy, X, y as integer variables
Step3- Enter Value of X1, y, X2, y2
Stepy - Calculate dx = X2-41
Stebs - Calarea dy = y2-y1
Steb6: ff ABS (dx) > ABS (dy) Then steps abs (dx)
        Elee
Step 4: xinc = dx/steb
         Yinc = dy/steb
         assign x=x1
         assign y= y1
 step 0 - sed pine (x,y)
 Skb9: X= X+Xin4
      · y = y+ yinc
        Set pexels ( found (x), Round (y))
 Step 10 , Repeat step 9 until x=x2
 Step 11: End Algorithm
```



line (0, 2000, getmaxx (1, 200); line (0, 260, getmaxx (1, 200); Set. caror (10) 11 76); retarge ((150, 240, 250); The clock (150, any 260, 260)

The dyn (150, 39, 260, 260)

The dyn (150, 330, 211, white)

Rectorul (150, 330, 260, 380)

The obtil (152, 33), white)

Rectorul (150, 330, 260, 380)

The obtil (152, 33), white)

Rectorul (140, 220, 149, 130)

Retorul (140, 220, 149, 130) clock (142, 189, 6), + Hod All (142, 180, 46100), cet color (46,00); cot color (46,00); cot (142,118, 6); Hood HIL (143, 1718) WRANDS thood/111 (152 , 120, warred) Post gd= Detect, gm, ""), in 11-g-caph (4gd, 4gm, ""), close graph(); return 0; gestrator (Yel (alw)) Andune Lynaphea. h) geten (3) # Prolide Coffloby Prot main, () OD Twoffic

