```
Drivity fell no:) 1121162
  Subject :) Computer Graphic
  Subject Code :) PBC
Asi) Hirewood 2 graphics. W
     soid mount)
        float x, y, x1, y1, x2, y2 dx, dy,
         step; p;
        int i=1, gd = DETECT, gm;
        Reint f (" butu (x, , y))");
        Scanf (" 1. + + + ", &n, , &y);
         frint f (" Gutu (x2, y2): ");
         Sconf (" y.f y.f", Rna, R42);
          init graph ( 4 gd, 8 gn, " ");
              an= n2 - n1
               dy = 42 - 41
            Steps = dx-1;
             int pk = (2 x dy) -dn;
              P= PK;
              n = n1;
               y = y1;
          cutile (i2 = steps)
```

Vedika

putfixed (n,y, But) a=nfl; 9 - 9 ; P= P+ (2+dy); delay (50); putfixed (n, y, BUEE); x= n++1; 9: 4+1; P= P+ (exdy) -(exdn); delay (50); i++; } getch () closigraph ()

Vella

Name 1) Vedita Badani Couse :) BLA'C' Univerty feel no 3) 1/2/162 Subject :) Computer Graphic Subject Code :) PBC Breserham line Deauing Algrothum Ans 1) Step (:) Start Step 2:) Declare variable x, x2, y, 142, d, i, i2, dn, dy Step 3:) Enter value of m, y, nz, yz where x, y, are Coordinates of stacking point And x2 y2 are Coordinates of ending point Step4:) Calculate dr= 22-11 Calculate dy = yr-y1 Calculate PK = Exely Calculate PUX = 1x (dy-dn) Steps:) Cancides (n,y) as starting point and Xenday maximum possible valu of x if dne 0 1 then x 2-nz if dx>0 then non y= y1 , n end = nz Step 6:) Generate point gat (n,4) Cordinated Sops) that if when line is generated

Vidika

if no = new Step 8 Calculate Conscious of next ferious if d20
then d=d+1;
if a>0, then d=d+iz
incernet y=y+1

Step 9:) Querret d=x+1

Step 10:) Dean point of latto (n,y) Conditate

Step 11:) God of Algorithm