most Bresenham's Line algorithm

Step 17 Start

Ateper Declare variable nome, ynyand, is, ia, donody

Atep 37 Enter value of n1, y1, n2, y2

(n1, y1 are sterting point (0-ordinates)

(n2, y2 are ending point (0-ordinates)

Step 47 Calculate dn = n2-n1

in= ax dy in= ax ldy-dn) d= i-dn

steps, consider (n, y) as steerting point & new as

Hen n=na

y=ya xend=n)

Henro

then n=na

y=y1 xend=nz

step 5 > brewrete point at (n, y) to-originates

Atup 7 > Check if whole line is generated

If n y=nend

Step 8. calculate co-originates of new pinel

4 & XO

then \$=\$+11

then \$=\$+11

increment \$j=y+1

Step 107 Draw a point of latest (n , y) looginates
Step 117 tro to step 7
Step 127 End

```
# induge & Attio W
# included graphic hi
Void fraulines int x0, x2 int yo, int x1 , int x1)
drani-no; X=
 dy= g1-yo; y=yo)
while (nani)
  4( p>=0)
  petpine (noy, +)
  P=P+axdyg-axdns
 E Red. pinel (my, 7)
```

```
P=P+ difty;

m=n+1;

3

int main()
```

int gdriner = DETECT, gmode, euros, 70, yo, x1, y1;

int init graph (4 gdriner, 1 & gmode, "C: 11 turbo (3)) kgi ");

print ("Enter Co-ordinates of first point:");

blant (" 1.4", 6 no, 6 y0);

print ("Enter Co-ordinates of second point:");

blant (" 1.4", 4 n1, 6 y1);

drawline (n0, y0, yn1, y1);

greture 0;

3

