```
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 ACC (IA
         Source Code
Hinclude ( stolio. h)
Ch. Ham > abudoi #
# include ( dos. b)
 #include < graphics.h>
 Void main ()
  4
     Most x2, x1, y2, y1, x, y, dx, dy, steps;
       in gd= DETECT, gm, i;
       printly ("Enter the value of sc1"),
scand (" ". J", Exc);
printly (" Enter the value of y1").
        point! (" Enter the value of x2");

scand (" x J", 8x2);

point! (" Enter the value of y2");

scand (" x J", 8 y2);
         gue op? (x63-xc); (.//Inspoc3//BUI.);
           dy= abs (42-41);
           i)(dx >= dy)
```

dust

```
Steps= dx;
erle
steps = dy.
 due dx/ steps;
   K=X1:
  while (! <= Stops)
        putpixel(x,y,5);
x=dx+x;
           y= dy+y;
         delay (50)
       delay (5000);
closegraph ();
```

```
STEP 18 Start main() Junction
STEP 2° Input the values of XI, X2, y1, and y2
STEP 3° Initialize graph a with inity raph (
STEP 23
STEP 4= put abs(x2-x1) into dic
STEP 5 5 put abs (y2-y1) into dy

STEP 6 5 check if dx is greater than or equal to dy

STEP 75 if yes, put the value of dix in steps
STEP 7° if no than put the value of dy in steps

STEP 8° put the value of (dx/steps) into dx

STEP 9° put the value of (dy/steps) into dy.

STEP 10° put x/ into the value x and value of y/ into y
  STEP 11° initialize i with 1
  STEP 12° Stark o while loop with the condition (i/= steps)
STEP 13° Inside the loop, Use the Junction put pixel ()
              14: then initialize is with discourse and y with dy
  STEP
  STEP
              15: initialize I with it
              16: put the delay () Junction
  STEP
              17% close the good loop
  STEP
  STEP 18° , Use the delay() Junction again
            19. then the Junction closegraph ()
   STEP
              200 close the main.
   STEP
    STEP
             218 END
```

Auto