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SE-CMPN-B ROLLNO-43

import java.awt.\*;

import java.applet.\*;

import java.io.\*;

import java.util.\*;

/\*<applet code="Bres.class" height=400 width=700>

</applet>\*/

public class Bres extends Applet

{

Scanner sc=new Scanner(System.in);

int x1,x2,y1,y2,dx,dy,x,y,e;

public void init()

{

System.out.println("Enter the first co-ordinates");

x1=sc.nextInt();

y1=sc.nextInt();

System.out.println("Enter the last co-ordinates");

x2=sc.nextInt();

y2=sc.nextInt();

}

public void paint(Graphics g)

{

dx=x2-x1;

dy=y2-y1;

x=x1;

y=y1;

e=2\*dy-dx;

int i=1;

do

{

g.drawLine(x,y,x2,y2);

while(e>=0)

{

y=y+1;

e=e-(2\*dx);

}

x=x+1;

e=e+(2\*dy);

i=i+1;

}while(i<=dx);

}

}

OUTPUT:

D:\>javac Bres.java

D:\>appletviewer Bres.java

Enter the first co-ordinates

40

40

Enter the last co-ordinates

140

140

