package Project3;

import java.util.Scanner;

import java.lang.Math;

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//Program asks user to enter in (x1,x2) and (y1,y2), then the program calculates the distance formula and displays it

public class Distance {

public static void main(String [ ] args) {

double X1, X2, Y1, Y2, first, second, result;

Scanner input = new Scanner(System.in);

System.out.print("Enter x1 and y1: ");

X1 = input.nextDouble();

Y1 = input.nextDouble();

System.out.print("Enter x2 and y2: ");

X2 = input.nextDouble();

Y2 = input.nextDouble();

first = Math.pow(X2-X1,2);

second = Math.pow(Y2-Y1,2);

result = Math.sqrt(first + second);

System.out.print("The distance is " + result);

}

}

"C:\Program Files\Java\jdk-9.0.4\bin\java" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2017.3.4\lib\idea\_rt.jar=53627:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2017.3.4\bin" -Dfile.encoding=UTF-8 -classpath D:\School\Programming\Project3\out\production\Project3 Project3.WindChill

Enter temperature (Fahrenheit): 5.3

Enter wind speed(mph): 6

\The wind chill index is: -5.567068455881625

Process finished with exit code 0