

Enter 1 (or any number aside from 2) if you want to run the Distance Between Two Points Program, or 2 if you don't!

1

Welcome To The Distance Between Two Points Program!

Please one by one enter the two coordinates

Please enter X_1 in (X_1, Y_1)

0

Great! Please enter Y_1

0

Great! Please enter X_2

3

Great! Finally, please enter Y_2

4

The midpoint of these two points is (1.5, 2.0)

The distance between these two points is 5.0 or exactly: $\sqrt{25.0}$

//Have checked rational, now irrational

Do you want to run again? Please press 1 if yes, and 2 if No.

1

Welcome To The Distance Between Two Points Program!

Please one by one enter the two coordinates

Please enter X_1 in (X_1, Y_1)

1

Great! Please enter Y_1

1

Great! Please enter X_2

6

Great! Finally, please enter Y_2

3

The midpoint of these two points is (3.5, 2.0)

The distance between these two points is 5.3851647 or exactly: $\sqrt{29.0}$

//It works for both rational AND irrational!

Do you want to run again? Please press 1 if yes, and 2 if No.

2

Thank you for checking out the Distance Between Two Points Program! Press enter to exit the console.