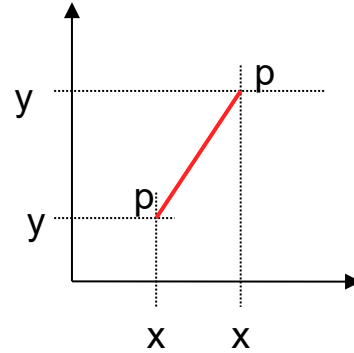


Exercises #5

- [1*] 1. Distance between two points: Write a program that reads the coordinates of two points, then computes the distance between them. Use a proper prompt for reading two points. Use the following formula:

Note: Use the sqrt function from the <cmath> header.

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$



- [2*] 2. Simple calculator: Write a program that reads two lines of input. at the first line an arithmetic operation (+, -, *, /, %). at the second line, you should offer two integers and do the desired arithmetic operation.

Example:

operator (+, -, *, /, %): *

operands: 3 6

result: 18