Example 3 - Calculate the slope of a line

Revisiting Example 3 from the section on algorithms…

Calculate the slope of the line passing through the points (2,2) and (6,4):

 Solution steps:

1. change in y = y_2 - y_1
2. change in x = x_2 - x_1
3. slope = change in y / change in x

The flowchart for this algorithm is quite simple and shown on the right.