**Pseudocode**

1. Get input from user (a, b, c)
2. Square each of the inputs.
3. Put the inputs in placeholder variables named num1 and num2, then organize them into the two smaller numbers and one largest number (explained in 3-7) *(Begin comparing the values) If a is greater than b, then assign b to ‘num1’ and a to ‘num2’. Otherwise, assign a to ‘num1’ and b to ‘num2’.*
4. *If ‘num1’ is greater c and ‘num2’ is less than c, then assign c to ‘num2’. If a is greater than b, then assign a to ‘lnum’. Otherwise, assign b to ‘lnum’. (lnum is the greater number of the three which will be used to compare the sum of the smaller numbers.)*
5. *Or else, if b isn’t equal to ‘num1’ and ‘num2’ is less than c, assign b to ‘num2’. If a is greater than c, then assign a to ‘lnum’. Otherwise, assign c to ‘lnum’.*
6. *Or else, if a isn’t equal to ‘num1’ and a is less than c, assign a to ‘num2’. If b is greater than c, then assign b to ‘lnum’. Otherwise assign c to ‘lnum’*
7. *If these conditions were not met assign c to ‘num2’.*
8. Create variable ‘sum’ and add num1 and num2.
9. If the sum is equal to ‘lnum’ print “This is a right angle triangle.” Or else print “This is not a right angle triangle.”