William Bech

Code review of Lukasz Koziarski Triangle exercise.

Lukasz has split his code into two classes. He has the main class to run the actual program and another Triangle class which consists of the triangle testing logic. It is good practice to create such classes as it makes code clearer and easier to understand.

I believe that the overall implementation of the code is very good as all test cases I can think of are covered in the program.

I do have one thing to point out and that is the use of ints in the program rather than floats. The reason being that a measurement doesn't have to be a round number. Changing the int to a float would make the program near perfect.

Another thing that could improve the readability and cleanliness of the code would be to not convert the input of the user from a String to an int. The reason to not do so is that the program uses the Scanner library and this library already offers type check/parsing. Rather than use Scanner.next(), Scanner.nextFloat() could be used.

Otherwise the code is well written, the test cases check just what is necessary, as well as a check for Pythagorean triangles. The program also offers nice visuals in the console that make it nice to use the program.