Answers to the questions

Question 1: Compilation Exercises

1. Will not compile. Return statement is missing.
2. boolean is not the correct way to declare (also initialize) a boolean variable. The correct way would be `bool x = true;`
3. Works fine, the x value will be automatically casted into a double.
4. The struct is ok, the problem is that in the same time it is a typedef, but the name of the new type is missing at the end of the statement. The code will compile but you get a warning that the typedef was ignored.
5. Ok, 0 in return statement is evaluated just fine. 0 is equal to false. 0 will be returned.

Question 2: Error Search

a)

Commented the errors directly in the respective files.

b)

Using the g++ compiler, you can first compile the object file for pyramid.cpp with: `g++ -c pyramid.cpp`. Than you can compile the programm (and link main.cpp with the new pyramid.o) with: `g++ main.cpp pyramid.o -o pyramid_prog`. If you want to link the math library, you need to add `-lm` compiling the programm, but since it wasn't needed we commented the include statement out, in order to save some memory.

Question 3: Strings and I/O