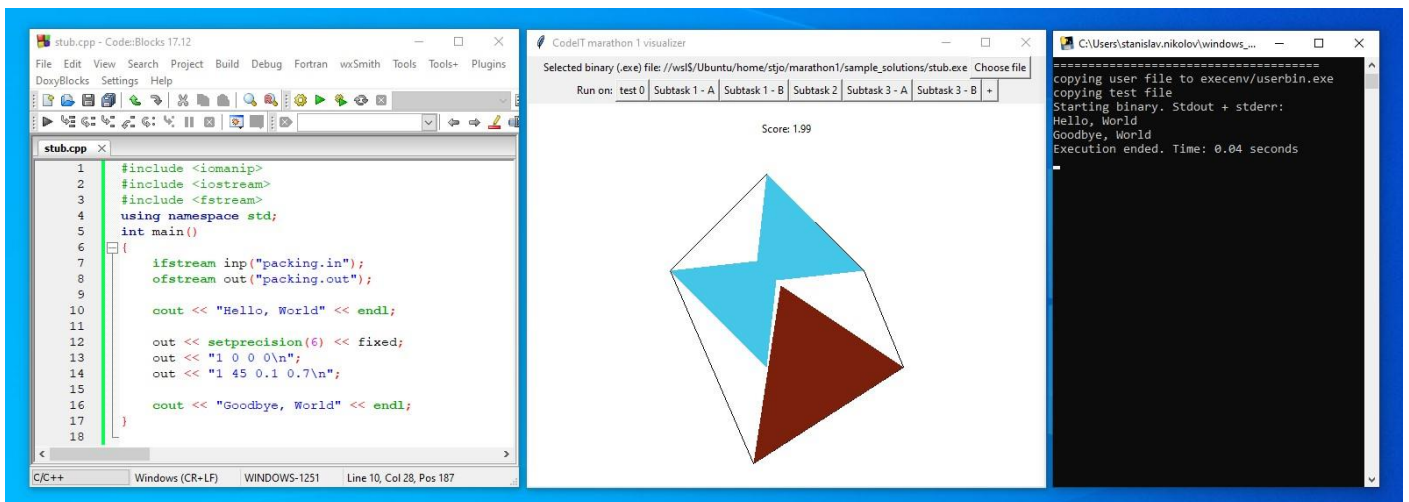# Packing

SEASON 9 – FIRST ROUND

Download and unpack the archive matching your operating system:
- Windows: visualizer_windows.zip
- Linux distros: visualizer_linux.zip

It contains a folder with all the dependencies that you don't need to look at and a "starter" file, called either `start.bat` or `start.sh`.

To open it:
- Windows: double click on `start.bat`. Light gray GUI and black console will pop up.
- Linux distros: open terminal where "`start.sh`" is located and type "`bash start.sh`". Light gray GUI will pop up. Don't close the terminal, messages will appear there.

The GUI has 3 areas:

1) First row - button to choose your solution's binary. Once you select its path, you can make changes to your source code and recompile, **without needing to select it again**.
2) Second row - select a test to run your binary against. You can add your own custom tests from the "+" button.
3) Main screen (canvas) - View and explore your solution
   a. Move around with the arrow keys or zoom in/out with "-" and "="
   b. Overlapping figures are stroked and non-overlapping are filled
   c. The hull is stroked in black
   d. Your score is calculated and shown on the top of the canvas

The console/terminal contains your binary's standard output and standard error as well as additional messages.