# Triangle Draw

1. [‘5’, ‘5’, ‘4’]
2. [‘5’, ‘5’, ‘5’]
3. [‘5’, ‘5’, ‘0’]
4. [‘0’, ‘0’, ‘0’]
5. [‘-10’, ‘-5’, ‘-7’]
6. [‘4’, ‘5’, ‘6’]
7. [‘10’, ‘15’, ‘30’]
8. [‘a’, ‘b’, ‘c’] //if possible (in my case user can’t input anything except numbers)
9. [‘1’, ‘0.2’, ‘0.9’]
10. [‘500’, ‘200’, ‘400’]

Three most important cases:

Case 5, since when comparing values program can easily accept the triangle with negative values. In case 5, we can calculate that first side (-10) is not bigger than (-5 + -7).

Case 7 to see if the main rule (which tells what triangles can exist) is working.

Case 3 to see how zeros and NaNs during calculations are handled. In worst case this test gives a crash.

# React.js code analysis

ContryCodeValidator could be used to test country codes.

It returns true if validator received no argument, value which equals to '0' or value which only contains three letters from Latin alphabet.

Below I’ll write what results should be expected on what line.

Line 32 – ValidationSuccess();

Line 36 – ValidationSuccess();

Line 40 – ValidationError(ERR\_3\_LETTER\_COUNTRY\_CODE);

Line 44 – ValidationSuccess();

Line 48 - ValidationError(ERR\_3\_LETTER\_COUNTRY\_CODE);

Daņiils Konstantinovs