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| ID | Priority | Title | Steps | Expected result |
| I1 | 1 | Check if program can work with 3 positive integer numbers divided with Space | 1. Start Program 2. Enter 3 random integer numbers from 1 to max Int32 value. Use Space to separate numbers 3. Press Enter | 3)You should see the result of program’s work |
| I2 | 1 | Check if program can work with 3 positive real numbers divided with Space in case when the numbers are inputted with ‘.’ | 1. Start Program 2. Enter 3 random real number with ‘.’ Use Space to separate numbers 3. Press Enter | 3) You should see the result of program’s work |
| I3 | 1 | Check if program can work with 3 positive real numbers divided with Space in case when the numbers are inputted with ‘,’ | 1. Start Program 2. Enter 3 random real number with ‘,’. Use Space to separate numbers 3. Press Enter | 3)You should see a message which says about wrong format of data |
| I4 | 1 | Check if program can work with 3 positive integer numbers divided with Space if one of them more then max value of Int32 | 1. Start Program 2. Enter 2 random integer numbers from 1 to max Int32 value and 1 random integer number more than max Int32 value. Use Space to separate numbers 3. Press Enter | 3)You should see a message which says about leaving out of the range of possible values |
| I5 | 1 | Check if program can work with 3 positive integer numbers divided with Enter | 1. Start Program 2. Enter the first random integer number from 1 to max Int32 value 3. Press Enter | 3)You should see a message which says that the figure isn’t a triangle |
| I6 | 1 | Check the behavior of program if not numbers are inputted | 1. Start Program 2. Enter a random line which includes letters or other symbols accept numbers. The line shouldn’t contain only Spaces 3. Press Enter | 3)You should see a message which says about wrong format of data |
| I7 | 1 | Check the behavior of program if only Spaces are inputted | 1. Start Program 2. Enter a random quantity of Spaces 3. Press Enter | 3)You should see a message which says that the figure isn’t a triangle |
| V1 | 1 | Check the behavior of program if nothing is inputted | 1. Start Program 2. Press Enter | 2)You should see a message which says that the figure isn’t a triangle |
| V2 | 1 | Check the behavior of program if only 2 numbers are inputted. Numbers should be positive integer not more than max Int32 value or positive real with ‘.’ | 1. Start Program 2. Enter 2 numbers separated with Space 3. Press Enter | 3)You should see a message which says that the figure isn’t a triangle |
| V3 | 1 | Check the behavior of program if 4 numbers are inputted. Numbers should be positive integer not more than max Int32 value or positive real with ‘.’ | 1. Start Program 2. Enter 4 numbers separated with Space 3. Press Enter | 3)You should see a message which says that the figure isn’t a triangle |
| Ch1 | 1 | Check the output of program if 3 equal numbers are inputted | 1. Start Program 2. Enter 3 equal numbers separated with Space 3. Press Enter | 3)You should see a massage which says that the triangle is equilateral |
| Ch2 | 1 | Check the output of program if the 2 of inputted numbers are equal and the third isn’t equal to them | 1. Start Program 2. Enter 2 equal numbers and 1 random number but not equal to them separated with Space 3. Press Enter | 3)You should see a massage which says that the triangle is isosceles |
| Ch5 | 1 | Check the output of program if 3 different numbers are inputted | 1. Start Program 2. Enter 3 different separated with Space 3. Press Enter | 3)You should see a massage which says that the triangle is usual |