UML for exercise 13-1

Class Triangle: Class of the program

Abstract Class Geometric Object: Another class in the program.

Class Main: The class that reads all information

Double side 1, side 2, side 3: All values are one as default

Public Triangle: No arguments in this constructor

Public Triangle: Arguments of Side 1 Side 2 and Side 3 all double data type

Set Side 1: Double data type

Set Side 2: Double data type

Set Side 3: Double data type

Get Area(): double data method, returns area

Get Perimeter(): double data method returns Perimeter

To String: String data method Returns description of triangle in string