

Assignment 1

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Chapter 1

Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

complex_adt.ComplexT	5
triangle_adt.TriangleT	5
Enum	
triangle_adt.TriType	6

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

complex_adt.ComplexT	5
triangle_adt.TriangleT	5
triangle_adt.TriType	6

Chapter 3

Class Documentation

3.1 complex_adt.ComplexT Class Reference

Public Member Functions

- def **__init__** (self, x, y)
- def **real** (self)
- def **imag** (self)
- def **get_r** (self)
- def **get_phi** (self)
- def **equal** (self, obj)
- def **conj** (self)
- def **add** (self, obj)
- def **sub** (self, obj)
- def **mult** (self, obj)
- def **recip** (self)
- def **div** (self, obj)
- def **sqrt** (self)

Static Public Attributes

- **x**
- **y**

The documentation for this class was generated from the following file:

- src/complex_adt.py

3.2 triangle_adt.TriangleT Class Reference

Public Member Functions

- def **__init__** (self, a, b, c)
- def **get_sides** (self)
- def **equal** (self, obj)
- def **perim** (self)
- def **area** (self)
- def **is_valid** (self)
- def **tri_type** (self)

Static Public Attributes

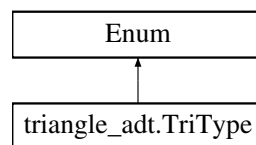
- **a**
- **b**
- **c**

The documentation for this class was generated from the following file:

- `src/triangle_adt.py`

3.3 `triangle_adt.TriType` Class Reference

Inheritance diagram for `triangle_adt.TriType`:



Static Public Attributes

- `int equilat = 1`
- `int isosceles = 2`
- `int scalene = 3`
- `int right = 4`

The documentation for this class was generated from the following file:

- `src/triangle_adt.py`

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